Bids Close		See Eng. News-Record
July 22	Post Office — Andalusia, Ala.	June 26
July 23	Cottage—Sorrento, Idaho.	June 26
July 23	Bridges—Leupp, Ariz.	June 26
July 23	Removing Wreck — New York, N. Y. Adv. June 26.	June 26
July 24	Jetty—Jacksonville, Fla. Adv. June 26.	June 26
July 24	Coal—Jacksonville, Fla. Adv. June 26.	June 26
July 25	Dredging — Philadelphia, Pa. Adv. June 26.	June 26
July 25	Post Office—Dawson, Ga.	July 10
July 25	Mechanical Equipment — Stapleton, N. Y. Adv. July 10.	July 10
July 25	Kitchen and Mess Hall—Stapleton, N. Y.	July 10
July 28	Stone—Cincinnati, O. Adv. July 3.	July 3
July 28	Dredging and Filling—San Juan, P. R. Adv. July 3.	July 3
July 29	Crib—Chicago, Ill.	July 10
July 30	Heating Apparatus — St. Augustine, Fla.	July 10
July 30	Dredgnig—New York, N. Y. Adv. July 10.	July 10
July 31	Boat House, Wharf and Boat Basin — Galveston, Tex.	July 10
July 31	Remodeling Elevator—Providence, R. I. Adv. July 10.	July 10
July 31	Storehouse — Wilmington, Del. Adv. July 3.	July 3
July 31	Rubble Mound Protection, etc.—Buffalo, N. Y.	July 10
Aug. 1	Dredging, Wharf and Retaining Wall — Boston, Mass.	July 10
Aug. 1	Lock and Dam—Cincinnati, O.	July 10
Aug. 2	Dredging and Rock Removal—Jacksonville, Fla. Adv. July 10.	July 10
Aug. 4	Sewers—Washington, D. C. Adv. July 10.	July 10
Aug. 7	Dredging and Rock Removal —New York, N. Y. Adv. July 10.	July 10
Aug. 26	Dredging—Honolulu, H. T. Adv. June 26.	June 26
Sept. 2	Miscellaneous Equipment—Washington, D. C. Adv. July 10.	July 10

MISCELLANEOUS

July 14	Road Gravel—Cambridge, Mass. Adv. June 12 and 19.	June 26
July 14	Fishway—Lawrence, Mass. Adv. July 3.	July 3
July 14	Gas Mains—Duluth, Minn.	July 10
July 14	Paving Materials—Staten Island, N. Y.	July 10
July 15	Wharf — Connaught Sta., Ont.	July 3
July 15	Freight and Trailers, etc.—New York, N. Y.	June 19
July 15	Wharf—Ottawa, Ont.	June 26
July 16	Pumping Engine—Milwaukee, Wis.	June 26
July 20	Breakwaters — Port Colborne, Ont.	July 10
July 22	Furnishings, Apparatus and Equipment—Albany, N. Y. Adv. July 10.	July 10
July 22	Wharf—Cornwall, Ont.	July 10
July 23	Wharf—St. Annede Beaupre, Que.	July 10
July 24	Wharf—Berthier, Que.	July 3
July 25	Wharf—Soaichton, B. C.	July 10
July 31	Wharf—Powell River, B. C.	July 10
July 31	Harbor Improvement—Atlantic City, N. J. Adv. July 10.	July 10

Where name of official is not given, inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Md., Baltimore—Bd. Awards rejected only bid received June 11, furnishing and erecting one 25 and one 15 k.w. turbo-generator set and switchboard for Mt. Royal Pumping Sta. W. E. Lee, City Hall, water engr. Noted May 22.

Fla., West Palm Beach—City having plans prepared by G. Simmons, Jr., c/o State Bd. Health, Jacksonville, building filtration plant. About $75,000.

O., Toledo—Standard Oil Co., E. O. Gas Bldg., Cleveland, having plans prepared for 15,000,000 gal. pumping plant, distribution and fire pressure system, also sewerage system, in 800 acre tract on Bay, here, to be used in connection with proposed new oil refineries. R. W. Pratt, Hippodrome Bldg., Cleveland, engr.

Minn., Wells—See "Industrial Works."

Kan., Phillipsburg—City voted $30,000 bonds to improve waterworks system. Engineer not selected.

Mo., Fairfax—City having plans prepared improving water and sewerage systems. About $40,000. Archer & Stevens, 609 New England Bldg., Kansas City, Mo., engrs.

Cal., Red Bluff—City having plans prepared by Olmsted & Gillelen, engrs., 1112 Hollingsworth Bldg., Los Angeles, for waterworks system.

Cal., Tracy—City voted $15,000 bonds to build water and sewer extensions. Noted June 26.

N. B., St. John — Nashwaak Pulp & Paper Co. plans to lay 9 mi. 12 in. rein.-con. water mains from Manchester Corners to Spruce Lake.

Ont., Smiths Falls—Town plans to build extension to waterworks system. About $11,514. J. A. Lewis, clk.

BIDS DESIRED

Ky., Ashland—Until July 24, by Bd. Water Comrs., building pumping station and filtration plant. Alvord & Burdick, 8 South Dearborn St., Chicago, Ill., engrs.; advertised in this issue.

O., Ashland—Until July 22, by R. A. Davis, dir. pub. serv., building filtration plant of 1,500,000 gal. capacity, and auxiliary pumping station with pumping equipment and necessary appurtenances, Contr. No. 1; 3375 ft. 24 in. and 5900 ft. 16 in. c.i. or rein.-con. pipe line, Contr. No. 2; storage reservoir consisting of earth dam and dikes, involving 47,000 yd. grading, concrete core wall, overflow and outlet chambers, pipe lines, gate valves, sluice gates, etc., Contr. No. 3. R. W. Pratt, Hippodrome Bldg., Cleveland, consult. engr.; advertised in this issue.

Minn., Hinckley—Until July 21, by R. N. Pearson, village clk., building distribution pipe system, involving 1880 lin.ft. 8 in. and 3390 lin.ft. 6 in. c. i. pipe, 13 fire hydrants and 11 gate valves, also building 100,000 gal. tank on 100 ft. tower. L. P. Wolff, 1000 Guardian Life Bldg., St. Paul, consult. engr. Noted June 19.

Neb., Lincoln—Until July 19, by T. H. Berg, city clk., building 16 x 193 ft. rein.-con. reservoir, 2,100,000 gal capacity. Work involves 1241 cu.yd. rein.-con. and 12,174 cu.yd. earth excav. About $33,000. G. W. Bates, city engr.

Cal., Eagle Rock—Until July 21, by B. B. Martsolf, city clk., furnishing deep well turbine pump of centrifugal runner type to have capacity of 350 gal. per min. on 125 ft. lift.

•

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**N. Y., Poughkeepsie**—State Hospital Comn., Capitol, Albany, let contract building additions and altering water supply system to include additional filter, changing watermains, building reservoir, at Hudson River State Hospital, here, to Baker-Dunbar-Allen Co., Stock Exch. Bldg., Phila., Pa. About $52,000. Noted June 12.

N. J., Morris Plains—Dept. of Architecture, 142 West State St., Trenton, received only bid laying 6-10 in. water mains at State Hospital, here, from U. S. Cast Iron Pipe & Foundry Co., Morris Bldg., Phila., $10,000. Noted June 12.

★**Minn., Bemidji**—G. Stein, city aud., let contract extending and improving waterworks system, to Phelps-Drake Co., Hibbing, $30,852. Noted June 19.

★**Wyo., Lusk**—City let contract furnishing and installing 24,000 ft. 4-12 in. c.i. pipes, to Gordon Constr. Co., 334 Century Bldg., Denver, Colo., $72,512. Noted June 12.

★**Mont., Laurel**—City let contract extending water mains, 6 in. pipe, to Security Bridge & Constr. Co., 502 North 32nd St., Billings, $8841.

★**Mont., Roundup**—City let contract building water mains and hydrants in Impvt. Dist. No. 29, to Security Bridge & Constr. Co., 502 North 32nd St., Billings, $10,061. Noted May 8.

Idaho, Caldwell—City received lowest 3 bids replacing wooden water mains with c.i. mains, from Caldwell Plumbing & Heating Co., Caldwell, $27,958; Green Constr. Co., Salt Lake City, Utah, $27,926; J. H. Forbes Co., Caldwell, $28,069. Noted May 1.

Sewers

PROPOSED WORK

R. I., Providence—City soon receives bids building sewers in Magnolia, Delaware, Reservoir and Laurel Aves. and Freeman Pkway. About $75,000. M. D. Bronson, City Hall, city engr.

N. J., Morris Plains—Dept. of Architecture, 142 West State St., Trenton, rejected bids received June 26, building sewerage system at asylum here. About $10,000. Work will be readvertised. F. H. Bent, 142 West State St., Trenton, engr.

N. J., Trenton—City plans to build sewage disposal plant. About $500,000. J. R. Fell, 134 North Montgomery St., engr.

O., Dayton—City plans to build sewers in sections of Bway., Bancroft, Frizell, Reist, Summit and Frederick Sts., involving 4000 ft., 12-10 in. vitr. pipe. F. O. Eichelberger, city. engr.

O., Toledo—See "Waterworks."

Mich., Pontiac—City soon lets contract furnishing labor and material for building lateral sewers in Howard, Adelade, Harriet, Pingree, Francis, Ridge, Going, Edith, Elm and Osmum Sts., involving 12,212 ft. 8-12 in. pipe. C. W. Ham, city clk.

Wis., Janesville—Bd. Pub. Wks. soon lets contract building sewers in Center Ave., Galena and Holmes Sts., Sewerage Dist. No. 3, Franklin St., Dist. No. 4, Franklin St., and alley south of West Side Sta., Dist. No. 5, Hickory and Glenn Sts., Dist. No. 10, 4th Ave., Yuba, Walker and Glenn Sts., Dist. No. 11, North Bluff St., Dist. Dist. No. 11, North Bluff St., Dist. No. 12, Garfield and Ruger Aves., Walker and Ringold Sts., Dist. No. 14, Racine St. and Garfield Ave., Dist. No. 15, Vista Ave., N., and Sharon, Fremont and Carrington Sts., Dist. No. 16. Work involves 18,127 lin.ft. 8-15 in. sewer pipe, 48 manholes, etc. C. V. Kerch, city engr.

Wis., Sheboygan — C. U. Boley, engr., City Hall, soon lets contract excavating and laying 21 mi. sewer in South 9th St. from Clara to Union Ave., involving 3500 ft. 10-12 in. vitr. pipe, necessary water and gas connections, etc. About $22,000. Work to be completed by Oct. 1.

Ia., Strawberry Point—Town plans to build 1 mi. sanitary sewers and sewage disposal plant. H. R. Green, Union Blk., Cedar Rapids, engr.

Kan., Eldorado—City soon lets contract building sewers in Dists. 36 and 41. Work involves 22,400 ft. 8-12 in. vitr. pipe, 75 manholes, 6 flush tanks and 1 small pumping station with sewage pump. L. E. Foley, clk.

Wyo., Lusk—City voted $30,000 bonds to extend sewerage system. R. F. Gray, city engr.

Mo., Fairfax—See "Waterworks."

Tex., San Antonio—City election July 26 to vote on $500,000 bonds to build sewers. H. Helland, city engr.

Ore., Portland—City Council plans to build vitr. or cement pipe sewers in East 24th St., cost $3300, East 9th St., $2465, East 29th St., $1109; also plans to improve East 38th St., $1442, East Sherman St., $1512, and Oak St., $1691. O. Laurgaard, city engr.

Cal., Oakland—City soon lets contract building sewers and drainage structures on 8216.7 ft. 10th, Cedar, Goss and Bay Sts. and right-of-way adjacent to 7th St. About $240,000. P. Brown, city engr.

Cal., Santa Barbara—See "Streets and Roads."

Cal., Tracy—See "Waterworks."

BIDS DESIRED

N. C., Goldsboro—Until July 18, by I. M. Cashell, city mgr., building 7 mi. pipe sewers 8-12 in. diam., also furnishing sewer pipe; advertised in this issue.

Sewers (Continued)

Ill., Bradley—Until July 22, by Bd. Local Impvts., laying 40,000 ft. 10-48-in. vitr. tile pipe and brick sewers, involving 24,000 cu.yd. rock excav. About $70,000. Marr, Green & Co., 17 North La Salle St., Chicago, engrs.; advertised in this issue.

Minn., St. Cloud—Until July 15, by A. W. Buckman, city clk., laying 30 blocks 48 in. and 10 blocks 72 in. double ring or 2 piece vitr. segmental block sewers.

Minn., St. Paul—See "Streets and Roads."

Neb., Wakefield—Until Aug. 5, (change of date) by city clk., building 17,240 ft. of 8 in., 4943 ft. of 10 in., 3320 ft. of 12 in. and 1405 ft. 15 in. vitr. stone sewers in various streets. About $30,000. W. E. Standeven, 414 Bee Building., Omaha, engr.

Mo., Albany—See "Streets and Roads."

Mo., Milan—Until July 25, by city, building sanitary sewers and sewage disposal plant. About $40.00. Archer & Stevens, 609 New England Bldg., Kansas City, engrs.

Ont., Harrison—Until July 24, by W. D. McLellan, twp. clk., laying 17,932 ft. sewer.

PRICES AND CONTRACTS AWARDED
(★Indicates award of contract)

★**Pa., Meadville**—City let contract furnishing and laying 2 mi. 8 and 10 in. sanitary sewers, to T. Trifolletti, Loraine, Ohio, cost $1.25 per ft. for 8 in. and $2.50 per ft. for 10 in. pipe; pump station and two 200 gal. ejectors, to Keystone Constr. Co., Meadville. Noted May 15.

★**O., Braberton**—Dir. Pub. Serv. let contract building West End Sanitary Lateral Sewers to W. J. Irwin, Greenville. About $130,000. Noted June 19.

★**O., Springfield** — City let contract laying 12-24 in. vitr. pipe sewers in North Limestone St. from North to Columbia Sts., to M. S. Cooney, Springfield, $4823; Warder Park Addition, to J. Doyle, 935 Avondale Ave., $9780; Clay, Catherine, Linden and Rose Sts., to P. Caffrey, 609 Linden Ave., $7703. Noted June 26.

★**Mich., Birmingham**—City let contracts to Gilles & Hosmer, Pontiac, laying 600 ft. 8 in. and 238 ft. 6 in. sewer in Brown St., cost, $1198, 2130 ft. 8 in., 406 ft. 6 in. sewer, 40 ft. 8 in. c.i. pipe in Maple Ave., $3396; C. Mike, Pontiac, 800 ft. 8 in. and 369 ft. 6 in. sewer in Purdy St., $2177; C. Johnson, Pontiac, 1985 ft. 8 in. and 982 ft. 6 in. sewer in Southfield Ave., $4539; T. Evanoff, Pontiac, 1470 ft. 8 in. and 644 ft. 6 in. sewer in Pierce St., $3569. Noted June 26.

★**Kan., Pratt**—City let contract building sanitary sewers in Dist. No. 4, involving 23,400 lin.ft. 8 in. pipe, to Burt & Tripp, Hutchinson, $32,919. Noted June 19.

★**Mo., Macon**—City let contract building sewage disposal plant, to W. McClurken, 3807 Westminister Ave., St. Louis. About $16,000.

★**Que., Montreal** — City let contracts building sewers in Alexander and Girouard Aves., to De Keyser Wauters & Co., Montreal, $22,740; in Oxford Ave., to Federal Eng. & Contg. Co., Montreal, $10,785.

★**Ont., Ingersoll** — See "Streets and Roads."

★**Ont., Mimico**—See "Streets & Roads."

Bridges

PROPOSED WORK

Conn., Bristol—City plans to build 2 rein-con. bridges, one on Main St., and one on Laurel St. About $25,000. Sperry & Buell, Inc., 175 Main St., engrs.

Va., Rectortown—Comrs. Fauquier Co. soon receive bids building 60 ft., cement concrete bridge over Goose Creek. Address D. D. Crenshaw.

N. C., Goldsboro—Wayne Co. plans to build 175 ft. steel and concrete bridge, 16 ft. wide. About $20,000. S. D. Scott, Goldsboro, engr.

Ga., Chatsworth — See "Streets and Roads."

Ill., Chicago—D. R. Francis, comr. pub. wks., 401 City Hall, receives bids about July 15, for substructure of 2 leaf rein.-con. bascule bridge over Chicago River on Madison St. Bids for superstructure to be called for later. Total cost $800,000. T. G. Pihlfeldt, bridge engr.

Wis., Sheboygan—G. Ubbelohde, engr., Court House, soon lets contract building 125 ft. steel bridge, 28 ft. wide, concrete abutements, in Herman Twp., involving 2900 lin.ft. wood piling and 3000-4000 cu.yd. earth approach and fill, cost $15,000; 490 ft. steel bridge, 30 ft. wide, in Mosel Twp., 4000 lin.ft. wood piling and 5000-6000 cu.yd. approach and fill, cost between $19,000 and $20,000.

N. D., Bismarck—Burleigh Co. plans to build bridge over Missouri River, here, to have three 400 ft. spans, filling and approaches, totaling distance of 5 mi. About $750,000. C. A. P. Turner, 627 1st Ave., N., Minneapolis, Minn., engr.

Tex., San Antonio—City election July 26 to vote on $200,000 bonds to build bridges. H. Helland, city engr.

Colo., Castle Rock — Comrs. Douglas Co. soon let contract building 16 ft. rein.-con. bridge near Tomah and 30 ft. rein.-con. bridge between Greenland and Larkspur, on Denver-Colorado Springs Rd. About $20,000. D. Stewart, Castle Rock, engr.

Wash., Richland—State Highway Bd., Olympia, rejected bids received June 23, building 190 ft. steel span bridge over Yakima River, near here, Benton Co. Noted June 19.

Wash., Spokane—City having plans prepared for 180 ft. concrete bridge over Hangman Creek, 35 ft. wide, with 5-6 ft. sidewalks. About $24,000. A. D. Butler, city engr.

N. B., Sackville—Canadian Natl. Rys. Ottawa, soon lets contract building substructure of double track bridge, with three 200 ft. spans, over Tantramar River, near here. About $125,000.

Ont., Markham—Town having plans prepared by James Loudon & Hertzberg, engrs., 36 Toronto St., Toronto, for 9 concrete beam culverts, 9 to 27 ft. spans. About $30,000.

Ont., Parry Sound—Town Council soon lets contract building Cascade Bridge, to have 2 steel spans, concrete abutments and center pier. About $15,000.

BIDS DESIRED

N. Y., Watertown—Until July 18, by city, building rein.-con. bridge over Black River on Pearl St. Concrete Steel Eng. Co., 21 Park Row, New York City, engrs. Noted July 3.

Pa., Du Bois—Until July 14, by city, building 104 ft. bridge on Brady St., 46 ft. wide. G. A. Flink, 301-303 Commonwealth Trust Bldg., Harrisburg, engr.

Pa., Punxsutawney—Until July 18, by Jefferson Co., Brookville, building 48 x 148 ft., rein.-con. bridge, here. G. A. Flink, 301 Commonwealth Trust Bldg., Harrisburg, engr.

Pa., Summerville—Until July 18, by Jefferson Co., Brookville, building 48 x 182 ft., rein.-con. bridge, here. G. A. Flink, 301 Commonwealth Trust Bldg., Harrisburg, engr.

S. C., Beaufort—Until July 24, by Comrs. Beaufort Co., setting 6 rein.-con. piers under 500 ft. steel girder bridge over Whale Branch, tearing out wooden piling and concreting steel caisson turn pier, involving 550 cu.yd. rein.-con. and 3.9 tons reinforcing steel. About $13,000. J. R. Pennell, c/o State Highway Dept., Columbia, engr.

Minn., Walker—Until July 22, by C. D. Bacon, aud. Cass Co., building bridge No. 3070 on Highway No. 24, 710 ft. long. About $15,000. A. W. Moulster, Pine River, engr.

Mont., Huntley—Until July 25, by State Highway Comn., Helena, building 950 ft. bridge over Yellowstone River, Huntley Twp., Yellowstone Co., 16 ft. wide, consisting of five 190 ft. steel spans on concrete piers and abutments. P. D. Pratt, state highway engr. Noted Mar. 20 under "Billings."

Mont., Livingston—Until July 25, by State Highway Comn., Helena, building Carter Bridge over Yellowstone River, near here, Park Co., 270 ft. long, 16 ft. wide, consisting of 3 span concrete arch. P. D. Pratt, state highway engr. Noted Mar. 13.

Mont., Toston—Until July 25, by State Highway Comn., Helena, building 529 ft. steel bridge over Missouri River, 16 ft. wide, Broadwater Co. P. D. Pratt, state highway engr.

Arkansas—Until July 21, by Comrs. Helena-Old Town Rd. Impvt. Assn., at office of State Highway Comn., Little Rock, building one 30 ft. steel and one 645 ft. wooden bridge, 30 ft. wide, in Phillips Co. J. M. Quarles, Helena, engr.

Ariz., Phoenix—Until July 21, by T. Maddock, state engr., building 120 ft. rein.-con. arch bridge over Queen Creek on Mesa-Superior Highway; advertised in this issue.

Ont., Pilkington—Until July 17, by S. Aitcheson, engr., Elora, building steel bridge, 75 ft. long, over Grand River, with concrete abutment.

PRICES AND CONTRACTS AWARDED
(★Indicates award of contract)

★**R. I., Washington**—State Bd. Pub. Rds. let contract building rein.-con. bridge on Noose Neck Hill Rd., here, to Randall-Stoddard Co., Chelsea, Mass. About $18,450.

Conn., New Haven—City received bids building bridge over West River on Washington Ave., rein.-con., concrete, steel and stone, from C. W. Blakeslee & Sons, 58 Waverly St., $66,941; C. W. Murdock, 185 Church St., $67,040; C. A. Sibley, 902 Chapel St., $77,808. Noted May 1.

Conn., New Haven—City received bids repairing Neck Bridge on State St., rein.-con. and steel, from C. W. Blakeslee & Sons, 58 Waverly St., $21,606; C. A. Sibley, 902 Chapel St., $21,932; C. W. Murdock, 185 Church St., $23,881. Noted Feb. 13.

★**Pa., Leetsdale**—Comrs. Allegheny Co. (Pittsburgh) let contract building 100 ft. stone and concrete bridge, with 37 ft. arch, over Sewickley Creek, between Allegheny and Beaver Counties, 50 ft. wide, to E. W. Falck, Leetsdale, $48,500. Work involves 9000 lbs. dowels and reinforcement steel, 1100 cu.yd. earth approach and fill, 500 cu.yd. masonry in foundations and 1250 cu.yd. masonry above foundations. Noted June 19.

★**Minn., Litchfield**—Comrs. Meeker Co. let contract building Bridges Nos. 3116 and 3117 on State Rd. No. 6, Federal Aid Project No. 40, to Guaranty Constr. Co., 834 Palace Bldg., Minneapolis, $12,290. Noted June 12 under "Streets and Roads."

★**Ont., Orangeville**—Town let contract building 40 ft. rein.-con. arch bridge over Grand River, to J. Tilker, Harriston. About $21,000.

★**Ont., Pickering**—Provincial Government, Toronto, let contract building 150 ft. steel span bridge, here, to Dominion Bridge Co., Imperial Life Bldg., Toronto. About $100,000.

Reinforced Concrete

PROPOSED WORK

Ont., Markham—See "Bridges."

BIDS DESIRED

Pa., Pittsburgh—See "Industrial Works."
Minn., Rochester—See "Buildings."

PRICES AND CONTRACTS AWARDED
(★Indicates award of contract)

★**Pa., Johnstown**—See "Industrial Works."
Minn., Russell—See "Buildings."
★**Ont., Orangeville**—See "Bridges."

Streets and Roads

PROPOSED WORK

R. I., Providence—City soon receives bids paving Union, Pocasset and Kinsley Aves. and Delaware St., asphalt. About $70,000. M. S. Bronson, City Hall, city engr.

Conn., Wallingford—Town plans to improve State Rd., asphalt. About $20,000. W. A. MacKenzie, engr.

N. Y., Rochester—City Council plans to grade and build walks on 13th St., cost $14,300, and Morrill St., $8700, pave Tryon Park, $32,750, Averill Ave., $33,400, Dartmouth St., $18,600, De Neve St., $82,400, Main St., E., from Culver to Winton Rds., $133,000, Clifford Ave., $4700, all asphalt; traprock resurfacing with Tarvia, University Ave., $10,600, building walks on Genesee St., $1460, also extending McArdle St., $1000, McGuckin St., $2500 and Handy St., $2500. C. A. Poole, city engr.

N. J., Bogota—City plans to improve Cane St. from Leonia Ave. to Borough line. About $10,000.

N. J., Jersey City—City had plans prepared paving Baldwin Ave., from Pavonia to Newark Aves., asphalt, cost, $10,000; improving Jackson Ave. from Fulton to McAdoo Aves., probably granite block. C. A. Van Keuren, city engr.

Streets and Roads (Continued)

Pa., Butler—City rejected bids paving 1152 sq.yd. Oak St., 1365 sq.yd. Summit St., 6915 sq.yd. Jefferson St., 1917 sq.yd. Wayne St. and 4175 sq.yd. Center Ave. Noted May 22.

Pa., Clarksville—Boro. rejected bids received June 10 laying 1300 lin.ft. waterbound macadam and one course concrete pavement. Noted Apr. 3.

Pa., Pittsburgh—Allegheny Co. Controller soon lets contract building 2000 ft. Troy Hill Rd., Reserve Twp., 16 ft. wide, Telford macadam. A. V. Warren, co. engr.

Pa., Reading — City rejected bids for 9000 sq.yd. vitr. brick pavement. Work has been re-advertised and contract will soon be let. Noted June 12.

Md., Baltimore—City Council considering ordinance providing for appropriation of $150,000 for enlargement of City Springs Sq., 350 x 400 ft., bounded by Spring, Caroline, Pratt and Lombard Sts. Buildings to be razed, lot regraded and cement paving.

W. Va., Lewisburg — Comrs. Greenbrier Co. plan to grade 6 mi. Ft. Springs-Ronceverte Rd. About $45,000. F. Rader, Lewisburg, engr.

W. Va., Lewisburg—Comrs. Greenbrier Co. plan to build 2 mi. road, from Lewisburg to Frankford, bituminous macadam. About $35,000. R. B. Holt, co. engr.

W. Va., Morgantown — Monongalia Co., Grant Dist., voted $325,000 bonds to build 19 mi. roads, vitr. brick. L. Cox, Morgantown, engr. Noted June 12.

W. Va., Pineville—Comrs. Wyoming Co. plan election soon to vote on $94,000 bonds to grade 4 mi. Elmore-Herndon Rd.

W. Va., Spencer—Comrs. Roane Co. plan election soon to vote on $67,000 bonds to improve 7½ mi. roads in Ready Dist. H. R. Muldoon, Spencer, engr.

N. C., Durham — Durham and Orange Counties plan to build 8 mi. Durham-Chapel Rd. About $300,000. Five different kinds of hard surface material will be used, plans being for an experimental roadway. State and Federal Government will appropriate toward cost. W. L. Fallis, c/o State Highway Comn., Raleigh, engr.

N. C., Elizabeth City—Comrs. Pasquotank Co. rejected bids paving 9 mi. road from here to Weeksville Rd., 15 ft. wide. Noted July 3.

N. C., Greensboro — City soon lets contract paving various roads, involving 80,000 sq.yd. asphalt on concrete base and 10,000 sq.yd. asphalt on macadam base. W. B. Bandy, city engr.

N. C., Mocksville—Comrs. Davie Co. plan to build roads. Cost between $50,000 and $100,000.

Ga., Blairsville—Union Co. voted $60,000 bonds to build roads. Federal Government will appropriate like amount.

Ga., Chatsworth—Murray Co. election July 16 to vote on $100,000 bonds to build roads and bridges.

Ga., Sylvester—Worth Co., voted $400,000 bonds to build roads. Noted May 22.

Miss., Ashland—Benton Co voted $200,000 bonds to build roads.

Miss., Columbus—City voted $50,000 bonds to pave streets in business section. R. M. Waters, city engr.

O., Akron—Summit Co. soon lets contract building 3.89 mi. Arlington-Greensburg Rd., Sect. 4, A and B; 2.37 mi. North Springfield Rd., and 3.01 mi. Brittain-Massillon Rd., Sect. A and B-1, brick, rein.-con. or bituminous concrete. C. J. Costigan, co. engr.

O., Columbus—City plans to grade, curb, pave and lay water mains in alley north of Norwich Ave. from High St. to Indianola Ave., 1890 ft. long, 20 ft. wide, brick or asphalt, cost $17,237; also alley north of Menlo Pl. between Taylor and Parkwood Ave., 740 ft. long, 15 ft. wide, brick or asphalt. H. A. Maetzel, city engr.

O., Dayton—City plans to pave Carlisle Ave. from St. Charles to Demphle Sts., 30 ft. wide, involving 2700 sq.yd. waterbound macadam, 8000 sq.ft. cement sidewalk and 1600 ft. cement curbing, cost $3527; (b) 3rd St. from west corporation line to point 1708 ft. west, 36 wide, 6800 sq.yd. brick block, $52,017; (c) alley east of Main St., 16 ft. wide, 500 sq.yd. granite durax or wood block, $1942. F. O. Eichelberger, city engr.

O., Oakwood — City plans to pave 2000 ft. Forrer Rd. from Far Hills to Oakwood Ave., 30 ft. wide, wood block, concrete or bituminous macadam. Cost between $25,000 and $40,000. P. Seybold, 504 Ludlow Bldg., Dayton, engr.

Ill., Chicago—Forest Preserve Comrs. of Cook Co. soon let contract grading and paving 4732 ft. Carpenter Rd. from Elston Ave. to city limits, 18 ft. wide. About $30,000. W. D. Flavin, County Bldg., engr.

Wisconsin—State Highway Comn., Div. Office No. 6, Eau Claire, soon lets contract improving Mondovi-Durand Rd. Federal Aid Project No. 78, Pepin Co., involving .31 acres clearing and grubbing, 9540 cu.yd. earth and 740 cu.yd. borrow excav., 120 cu.yd. class A concrete, 13,138 sq.yd. gravel surfacing etc.

Wis., Kiel—City soon lets contract grading and paving ½ mi. Main St., 18 ft. wide, 2 course rein.-con. Cost between $30,000 and $40,000. F. Muth, City Hall, engr. Noted June 19.

Ia., Strawberry Point — Town having plans prepared by H. R. Green, engr., Union Blk., Cedar Rapids, paving 2¼ mi. and curbing and guttering 4½ mi. streets.

Kan., Independence—Montgomery Co. soon receives bids building 1½ mi. South Coffeyville Rd., 4½ mi. Coffeyville-Edna Rd., 10 mi. Cherryville-Coffeyville Rd. and 10 mi. Ozark Trail, 18 ft. wide, gravel or bituminous concrete, concrete curbing and guttering. H. K. Hibbard, Independence, engr.

Kan., Kinsley—City soon lets contract for 18,800 sq.yd. vitr. brick paving, 8000 lin.ft. concrete curbing and 8000 lin.ft. concrete guttering. G. W. Ellis, Pratt, engr.

Kan., Mound City—Linn Co. having plans prepared building 28½ mi. Jefferson Highway, 18 ft. wide, concrete or waterbound macadam. J. M. Mumbell, Mound City, engr.

Neb., Omaha—Douglas Co. plans to pave 115 mi. roads throughout county, brick on 6 in. concrete base. About $5,000,000; $3,000,000 of which has already been voted, $1,000,000 to be received from state and $1,000,000 from Federal Government. First work will be paving of Lincoln Highway, O. L. D. Rd. south to Gretna and Washington Highway north of Florence. L. A. Adams, Court House, engr. Noted May 22.

Neb., Superior—L. L. Carpenter, city clk., soon lets contract paving 20 blocks streets, 25 ft. wide, involving 25,000 sq.yd. asphaltic concrete on 5 in. concrete base or alternate bids on 6 in. concrete, and 15,000 lin.ft. concrete curb and gutter. About $75,000. A. A. Cummins, Superior, engr.

Montana—State Highway Comn., Helena, rejected bids received May 14 for road work in Dawson and Carbon Counties.

Montana—State Highway Comn., Helena, plans to pave 5.5 mi. Yellowstone Trail, Gallatin Co., cost $148,154, grade 23 mi. County Rd. No. 1, Meagher Co., $45,900; 24 mi. Plains-Hot Springs Rd., Saunders Co., $20,000; 6 mi. Goose Hill Rd., Choteau Co., $10,000; 11 mi. Edwards-South Rd., Choteau Co., $10,000; 35 mi. Jordan-Miles Rd., $16,000, 6 mi. Sand Springs-Sumatra Rd., Garfield Co., $10,000; 23 mi. Horse Creek Rd., $20,000, 15 mi. Sand Creek Rd., McCone Co., $18,000; gravel surface 10 mi. Avon-Finn Rd., Powell Co., $30,000; 35 mi. Yellowstone Trail, Yellowstone Co., $150,000; 8 mi. Pumpkin Creek Rd., $20,000, 6 mi. Miles-Ismay Rd., $20,000, 8 mi. Jordan Rd., $20,000, 10 mi. Yellowstone Trail, Custer Co., $30,000. Federal Government asked to appropriate toward cost. P. D. Pratt, state highway engr.

Mont., Big Timber—Sweetgrass Co. election Sept 2 to vote on $125,000 bonds to build roads. D. J. Walwoord, Big Timber, engr.

Mont., Bozeman—City soon lets contract bithulithic paving, curbing and grading, 7200 sq.yd. 7th Ave. from Main to Lamme Sts. and Lamme St. from 5th to 7th Aves., also 3720 sq.yd. College St. from 8th to 11th Sts. C Widener, city engr. Noted June 5.

Mont., Broadus — Powder River Co. election Sept 2 to vote on $150,000 bonds to build roads. F. L. Funkenbusch, Broadus, engr.

Mont., Chinook — Blaine Co. election Sept. 2 to vote on $100,000 bonds to build roads. C. R. Hanke, Chinook, engr.

Mont., Choteau—Teton Co. election Sept. 2 to vote on $150,000 bonds to build roads. F. Daly, Choteau, engr.

Mont., Columbus—Stillwater Co. election Sept. 2 to vote on $163,000 bonds to build roads. G. N. Cardoza, Columbus, engr.

Mont., Forsyth—Rosebud Co. election Sept. 2 to vote on $100,000 bonds to build roads. P. D. Pratt, c/o State Highway Dept., Helena, engr.

Mont., Harlowton — Wheatland Co. election Sept. 2 to vote on $200,000 bonds to build roads. C. C. Jewell, Harlowton, engr.

Mont., Harve—Hill Co. election Sept. 2 to vote on $150,000 bonds to build roads. J. E. Peterson, Harve, engr.

Mont., Philipsburg—Granite Co. election Sept. 2 to vote on $150,000 bonds to build roads. E. B. Patten, Philipsburg, engr.

Mont., Red Lodge — Carbon Co. election Sept. 2 to vote on $100,000 bonds to build roads. A. B. Cooley, Red Lodge, engr.

Mont., Shelby—Toole Co. election Sept. 2 to vote on $200,000 bonds to build roads. H. B. Rawson, Shelby, engr.

Mont., Thompson Falls—Sanders Co. election Sept. 2 to vote on $75,000 bonds to build roads. T. Johnston, Thompson Falls, engr.

Mont., Virginia City—Madison Co. election Sept. 2 to vote on $150,000 bonds to build roads. C. C. Adams, Virginia City, engr.

Tex., De Leon—City election July 15 to vote on $750,000 bonds to build permanent roads.

Tex., Ft. Worth—Tarrant Co. election July 26 to vote on $3,500,000 bonds to build highways. H. P. Hays, c/o Hess & Skinner, Southwestern Life Bldg., Dallas, engrs.

Tex., Hallettsville—Lavaca Co. voted $200,000 bonds to build highway from Schulenburg to here and from Sweet Home to Yoakum.

Tex., Linden—Comrs. Cass Co. plan to improve 13.23 mi. Highway No. 1-A from point near Queen City to Sulphur River, 16 ft. wide, including building iron ore gravel surfaced road and necessary drainage structures. About $75,000. Hess & Skinner, Southwestern Life Bldg., Dallas, engrs.

Tex., Montague—Montague Co. soon lets contract grading, gravel surfacing and building concrete bridges and culverts on 9.84 mi. Meridian Highway, State Highway No. 2, 16 ft. wide, involving 9353 cu.yd. earth, 1129 cu.yd. loose rock, and 45,482 cu.yd. borrow excav., 16,363 lbs. reinforcing steel and 345 cu.yd. classes A, B, C, concrete. About $101,323. J. R. Hill, Bowie, engr. Noted May 22.

Tex., San Antonio — City election July 26 to vote on $950,000 bonds to widen and open streets, $900,000 to pave same and $50,000 to build sidewalks. H. Helland, city engr.

Okla., Enid—City soon lets contract paving 22,000 yd., concrete. B. F. Lewis, city engr.

Colo., Denver—City soon lets contract surfacing 82,000 sq.yd. in North Denver Surfacing Dist. No. 5, slag, sand and loam; paving 9 blocks in 14th Ave. Paving Dist., asphalt; grading, curbing and building sidewalks in North Denver Impvt. Dist. No. 30. Cost $40,000, $45,000 and $80,000 respectively. J. B. Hunter, city engr.

Idaho, Troy — City voted $125,000 bonds to build and improve roads here.

Nev., Carson City—Comrs. Mineral Co. plan to build 10 mi. Walker Lake Rd. About $148,000.

Wash., Aberdeen—Bd. Pub. Wks. rejected bids received June 20, building concrete sidewalks on Grant, E, Market and Chicago Aves. Work will be readvertised. A. H. Blood, city engr.

Wash., Vancouver—City soon lets contract paving and building concrete curbing and sidewalks on 22nd St. from Main to Reserve Sts., 30 ft. wide, bitulithic concrete or asphaltic concrete. W. Schwarz, city engr. Noted July 3.

Oregon—State Highway Comn., Portland, soon lets contract grading and paving 3.4 mi. Canyon Rd. from Beaverton to county line, Washington Co., involving 19,000 cu.yd. excav.; 13.1 mi. Dallas-Salem Rd., Polk Co., 40,000 cu.yd. excav., bitulithic or concrete; ½ mi. Seufert Sect. Columbia River Highway, Wasco Co., 6800 cu.yd. excav.; grading and macadamizing 7.9 mi. Yamhill-Gaston Rd., Yamhill Co., 29,000 cu.yd. excav.; 700 ft. Comstock Overhead

Streets and Roads (Continued)

Crossing, Douglas Co., 300 cu.yd. macadam, 173 cu.yd. concrete, 5750 cu.yd. excav.; grading 6.3 mi. Oregon City-Oswego Rd., Clackamas Co., 37,500 cu.yd. excav., paving 4.2 mi. Salem-Brooks Sect. Pacific Highway, Marion Co.; 10.5 mi. Clatskanie-Westport Sect. Columbia River Highway, Columbia Co., bitulithic or asphaltic concrete; 8 mi. Svensen-Rock Creek Sect. Columbia River Highway, and 9.5 mi. Rock Creek-Westport Rd., both Clatsop Co., concrete or bitulithic; macadamizing 2.5 mi. Stage Rd. Pass Sect. Pacific Highway, Douglas Co., 5250 cu.yd. macadam. H. Nunn, Salem, state highway engr.

Oregon—State Highway Comn., Portland, soon lets contract paving 6.1 mi. Unit 1 and 6.1 mi. Unit 2, Eugene-Junction City Rd., Lane Co., bitulithic or concrete. H. Nunn, Salem, state highway engr. Noted June 26.

Oregon—State Highway Comn., Portland, soon lets contract grading and macadamizing 7.7 mi. Yoncalla Sect. Pacific Highway, Douglas Co., involving 10,000 cu. yd. excav. and 16,000 cu.yd. macadam. Noted June 26.

Oregon—State Highway Comn., Portland, soon lets contract grading and graveling 16.7 mi. Central Oregon Highway from Burns to Lawen, involving 95,000 cu.yd. earth and rock excav. and 15,400 cu.yd. gravel; grading 4.4 mi. road from Baker to Cornucopia, 50,000 cu.yd. earth and rock excav.; grading 49 mi. John Day Highway from Dayville to Fossil, 359,000 cu.yd. earth and rock excav. H. Nunn, Salem, state highway engr.

Ore., Marshfield—City Council received no bids June 25, paving and building sidewalks on Vernon Ave. O. Laurgaard, city engr.

Ore., Marshfield—City Council plans to pave (a) Jerome Ave., 36 ft. wide, 1½ in. rock asphalt on 6 in. concrete base, (b) 4th St., 26 ft. wide, 1½ in. rock asphalt on 5 in. concrete base or 6 in. concrete, with parkway 5 ft. wide and 6 ft. concrete sidewalks. Total estimate on rock asphalt on concrete base, $49,448; concrete, $46,471. E. K. Burton, city engr.

Ore., Ontario—City Council plans to pave 3 mi. Oregon St. and side branches, and California Ave. from Oregon St. to city limits, asphaltic concrete or bitulithic. Cost to exceed $10,000.

Ore., Portland—City soon lets contract paving 72nd, 61st, 77th, East 33rd, East Madison and Ramona Sts. and Vernon Ave., asphaltic concrete on crushed rock base, concrete Nos. 1 and 2, concrete curbing and artificial stone or asphaltic concrete sidewalks. Cost to exceed $10,000. O. Laurgaard, city engr.

Cal., Chula Vista — City rescinded contract let to Fairchild-Gilmore-Wilton Co., Pacific Electric Bldg., Los Angeles, building 4 mi. road. Legality of proceedings has been questioned by property owners. Noted June 5.

Cal., Oakland—City plans to improve 1000 ft. 38th Ave., involving 52,850 sq.ft. grading, 2030 lin.ft concrete curbing, 6237 sq.ft. concrete gutter, 3934 sq.yd. oil macadam pavement and 107 lin.ft. 8-24 in. corrugated iron and concrete culvert. P. Brown, city engr.

Cal., Oakland—City plans to grade, curb, gutter and pave 23rd and 29th Aves. About $60,000. Work involves 6258 lin.ft. concrete curbing, 7594 sq.ft. brick gutter, 1442 ft. 10-21 in. pipe conduit and 14,413 sq.yd. asphalt paving. P. Brown, city engr.

Cal., San Jose—Comrs. Santa Clara Co. had plans prepared paving 3 mi. and grading 10,000 ft. on Rodfish Mill Rd. J. Ryder, co. surv.

Cal., Santa Barbara—H. L. Hitchcock, 1919 De la Vina St., et al, plans to subdivide 350 acres between Riviera and Mountains into residential lots and build gravel streets, concrete curbs and gutters, cement sidewalks and sewers. About $50,000.

Cal., Taft—City had estimates prepared by E. M. Lynch, engr., Central Bldg., Los Angeles, for 92,000 sq.ft. macadam paving 1,220,000 sq.ft. grading, oiling and screening surfacing, 52,910 lin.ft. cement curbs and 234,000 sq.ft. cement walks. About $230,000.

Cal., Tracy—City voted $15,000 bonds to pave street intersections. Noted June 26.

Que., Chateauguay—Town soon receives bids building 2½ mi. macadam road from New York Central R.R. Bridge to Chateauguay limits. About $10,000. E. Laberge, clk.

Que., Greenfield Park—Town voted $20,000 by-law to build 8½ mi. macadam roads and ditch same, G. Reakes, St. Lambert, engr.

Ont., Exeter—Town Council plans to expend $25,000 to pave streets. J. Senio, clk.

Ont., Owen Sound—Town Council plans to expend $300,000 to build roads. D. H. Fleming, town engr.

Ont., Toronto — Bd. Wks. recommended that Gilmour and Skipper Aves. and Northcliffe Blvd. be paved. Work involves 12,000 sq.yd. bitulithic pavement on 6 in. concrete base, concrete curbing and guttering. About $49,239. R. C. Harris, City Hall, engr.

Ont., Toronto—City plans to build pavements on Bristol and Greenwood Aves., Linder St. and Weston Rd., involving 23,000 sq.yd. asphalt on 6 in. concrete base. About $93,950. R. C. Harris, City Hall, engr.

B. C., Vancouver—City Council soon lets contract paving Pacific St. from Granville to Broughton Sts., and various other streets, 16 ft. wide, asphaltic concrete. About $50,000. F. L. Fellowes, City Hall, engr.

BIDS DESIRED

New York—Until July 22, by State Highway Comn., Capitol, Albany, improving roads in following counties: Cattaraugus Co., 4.6 mi. Bradford-Carrolton, Part 1, Rd. No. 8007, concrete;

Chautauqua Co., 4.29 mi. Fredonia-Silver Creek, Part 2, Rd. No. 8003, concrete;

Chenango Co., 4.78 mi. Rockwell Mills-South New Berlin, Rd. No. 1497, bituminous macadam; 5.57 mi. Oxford, Part 1, Rd. No. 8001, concrete; 5.87 mi. Oxford, Part 2, Rd. No. 8002, concrete;

Lewis Co., 4.74 mi. Barnes Cors-Copenhagen, Part 2, Rd. No. 1442, bituminous macadam;

Onondaga Co., 27 mi. Solvay-State Fair-Syracuse, Rd. No. 1353 A, concrete;

Rensselaer Co., 1.44 mi. Riders Mills-Brainard, Rd. No. 1521, bituminous macadam;

Suffolk Co., 3.85 mi. Smithtown-Fort Salonga, Part 1, Rd. No. 1048-A, concrete.

Completing roads in following counties: Cayuga Co., 8 mi. Auburn-Weedsport, Rd. No. 1317; 6.06 mi. Fleming-Scipio, Part 2, Rd. No. 1327-A, bituminous macadam concrete; 5.45 mi. Venice Center-Genoa, Rd. No. 1414, concrete;

Chautauqua Co., 3.9 mi. Fredonia-South Dayton, Part 3, Rd. No. 1381, concrete;

Chenango Co., 7.12 mi. Afton-Coventry, Part 1, and Afton-Bettsburg, Rd., No. 1171, waterbound macadam; 7.9 mi. Norwich-South New Berlin, Part 2, and South New Berlin-New Berlin, Part 1, Rd. No. 1394, waterbound macadam; 3.06 mi. Otselic-Smyrna, Part 1, Rd. No. 1473, bituminous macadam;

Franklin Co., 10.36 mi. Malone-Chateaugay, Rd. No. 5613, bituminous macadam;

Niagara Co., 7.79 mi. Youngstown-Lockport, Part 1, Rd. No. 800, concrete;

Oswego Co., 6.36 mi. Sandy Creek-Smartville, Rd. No. 1428, bituminous macadam;

Saratoga Co., 6.1 mi. Rexford Flats-Wait Corners-Groom Corners, Rd. No. 1117, bituminous macadam; 5.74 mi. Mechanicsville-Clifton Park, Rd. No. 1345, bituminous macadam;

Seneca Co., 4.89 mi. Waterloo-Burns Corners, Rd. No. 1400, concrete; 2.13 mi. Willard-Ovid, Rd. No. 1401-A, concrete.

Repairing roads in following counties: Allegheny, Steuben and Schuyler Counties, Rds. No. 5502, 1420, 742, 850, 904, 1000-A, 1102, 1200, 5211, 5253, 5348, 5564, 5611, Repair No. 1231;

Oswego Co., Rds. No. 5251 and 5276, Repair Contr. No. 1215;

Suffolk Co., Rd. No. 743, Repair Contr. No. 1210; completing repair roads in following counties: Chenango Co., Otselic-South Otselic, Part 1, Rd. No. 664, Repair Contr. No. 1024;

Cortland Co., State Rd.-Homer, Rd. No. 380, State Rd.-Scott, Rd. No. 381, Repair Contr. No. 1037. F. S. Green, comr.

New York — Until July 29, by State Highway Comn., Albany, improving roads in Chautauqua and Jefferson Counties, also completing highways in Allegany, Cattaraugus, Cayuga, Dutchess, Franklin, Jefferson, Livington, Monroe, Oneida, Onondaga, Orange, Schuyler and Wayne Counties. F. S. Greene, comr.; advertised in this issue.

N. Y., Brooklyn—Until July 16, by E. Riegelmann, boro. pres., regulating, grading, curbing and laying sidewalks on East 39th St. from Ave I to new street north of Ave. I; 87th St. from 4th to 5th Aves., regulating and paving with permanent asphalt pavement on 6 in. concrete foundation East 39th St. from Ave I to new street north of Ave I, President St. from Utica to Rochester Aves., Stuyvesant Ave. from Riverdale Ave. to Newport St., West 11th St. from Ave. S to Ave. T, Woodbine St. from Irving to Knickerbocker Aves., regulating and restoring pavements within railroad area removed and damaged in connection with construction of sewers in roadway of Ocean Ave., from Ave. O to Ave. V; regulating and repaving with special granite pavement on present concrete foundation roadway of Washington Ave. from President St. to Empire Blvd.

N. Y., Long Island City—Until July 14, by M. E. Connolly, pres. Queens Boro. Queens Subway Bldg., 68 Hunterspoint Ave., regulating and paving with permanent asphalt on concrete foundation, curbing and laying sidewalks (where not already laid to grade and in good condition) in Edison Pl. from Myrtle Ave. to Cypress Hills Cemetery, 2nd Ward; regulating and grading sidewalks where necessary on west side 109th St. from 101th St. to Liberty Ave. and in intersections of 109th St. with 103rd Ave.; regulating, grading, curbing and paving with permanent asphalt on 6 in. concrete foundation, Lotus Ave. from Cypress Hills Rd. to Cooper Ave., from Harold to Gosman Aves., Silver St. from Anthon Ave. to Buchman Ave., 2nd Ward, Summerfield St. from Wyckoff to Myrtle Aves., 2nd Ward, Trowbridge St. from Willow St. to Van Alst Ave., 1st Ward.

N. Y., S. I., St. George—Until July 15, by C. D. Van Name, pres. Richmond Boro., repairing with bituminous concrete pavement roadways of Richmond Ave. and Old Stone Rd. from Blackford Ave. to Richmond Hill Rd. and Innis St. from Morningstar Rd. to John St.

N. J., Jersey City—Until July 25, by Blvd. Comn. Court House, repaving Hudson Co. Blvd. from Paterson Plank Rd. to Hackensack Plank Rd., bituminous pavement on concrete surface. About $75,000. Noted June 26.

Pennsylvania—Until July 29, by State Highway Dept., Harrisburg, building roads in Adams, Beaver, Bradford, Chester, Delaware, Crawford, Erie, Fayette, Jefferson, Lawrence, Mifflin, Montgomery, Bucks, Northampton, Susquehanna, Union, Washington and Westmoreland Counties. L. S. Sadler, state highway comr.; advertised in this issue.

Pa., Ebensburg—Until July 14, by Supervs. Allegheny Twp., c/o Controller of Cambria Co., improving 17,490 ft. Carrolltown Rd., 17 ft. wide, vitr. brick on concrete base, involving 35,000 lin.ft. cement curbing, etc. About $125,000. D. W. Dillman, 8081 Altoona Trust Bldg., Altoona, engr.

Pa., Ebensburg—Until July 16, by Spangler Boro. Council, c/o Cambria Co. Controller, rebuilding 1800 ft. road from Bigler Ave. to Barr Twp., Spangler Boro. About $20,000. L. J. Pfeister, boro. engr.

Pa., Pittsburgh—Until July 17, by Allegheny Co., paving between tracks 2540 ft. Glass and West Run Rds., in Homestead and Hays Boros., 14 ft. wide, with Ligonier Block edging and vitr. brick, concrete base. R. V. Warren, Court House, engr.

W. Va., Fayetteville—Until July 14, by Comrs. Fayette Co., grading 3 mi. road from Fayette to Lansing, involving 45,000 cu.yd. excav. J. K. McGrath, Fayetteville, engr.

W. Va., Huntington — Until July 15, by Cabell Co., building 1 mi. Hamlin-Huntington Rd., vitr. brick. J. H. Sanborn, Huntington, engr.

W. Va., Williamson — Until July 19, by Mingo Co., building 4 mi. earth road from Matewan to Thacker.

Fla., Sea Breeze—Until July 24, by city, paving 42,000 sq.yd. Main St., involving 34,000 lin.ft. curbing 7000 cu.yd. excav., etc.

Miss., Columbus—Until July 12, by Highway Comrs. 4th Supervs. Dist., building 36 mi. road, all local gravel and long haul. G. E. Hauser, Columbus, engr.

Streets and Roads (Continued)

Ohio—Until July 18, by State Highway Comn., Columbus, building roads in following counties:

Ashland Co., Sect. "B" Ashland-Wooster Rd., 3.8 mi. grading, constructing bridges and culverts and paving with concrete, cost $133,454.

Butler Co., Sect. "B" Oxford-Millville Rd., 4.05 mi. grading, constructing bridges and culverts and paving with mastic or monolithic brick, bituminous concrete or sheet asphalt, $155,417.

Sect. "C-2" Oxford-Millville Rd., 3.60 mi. grading, constructing bridges and culverts and paving with mastic or monolithic brick, bituminous concrete or sheet asphalt, $142,635.

Sect. "A2" Hamilton-Middletown Rd., 1.36 mi., paving with bituminous macadam, $22,834.

Clinton Co., Sect. "B" Wilmington-Xenia Rd., 3.3 mi., resurfacing with waterbound macadam and repairing shoulders, $22,640.

Coshocton Co., Sect. "C-2" Newark Coshocton Rd., 2.04 mi. grading, constructing bridges and culverts and paving with monolithic brick or rein.-con., $77,784.

Franklin Co. Sect. "M" Columbus-Sandusky Rd., 0.72 mi. grading, constructing drainage structures and paving with brick on concrete base, $41,157.

Sect. "O" Columbus-Sandusky Rd., 0.76 mi. grading, constructing drainage structures and paving with brick on concrete base, $43,245.

Geauga Co., Sect. "T, U, & V-1" Chagrin Falls-Greenville Rd., 8.17 mi. grading, constructing bridges and culverts and paving with concrete, $305,175.

Guernsey Co., Sect. "K" Cambridge-Coshocton Rd., 2 mi. grading and paving with brick, $8400.

Miami Co., Sect. "D" Dayton-Covington Rd., 3.59 mi. grading, constructing bridges and culverts and paving with rein.-con., $100,623.

Sect. "H" Piqua-Urbana Rd., 0.53 mi. grading and paving with rein.-con. $15,800.

Summit Co., Sect. "A, B, C, D & E" Akron-Cleveland Rd., 16.70 mi. grading, constructing bridges and culverts and paving with brick or rein.-con. $881,622.

O., Burbank—Until July 21, by Comrs. Wayne Co., Wooster, paving Wooster-Burbank Rd., bituminous macadam, cost $15,757. L. Smith, co. clk.; advertised in this issue.

O., Doylestown—Until July 16, by Comrs. Wayne Co., Wooster, paving Doylestown Hill, cost $2787; Portage St., $49,359, both bituminous macadam. L. Smith, co. clk.; advertised in this issue.

O., Lisbon—Until July 17, by Comrs. Columbiana Co., grading, draining and macadamizing with waterbound macadam, 10,578 ft. Lisbon-Salineville Pub. Rd., Washington Twp., involving 22,165 cu.yd. excav., 10,578 lin.ft. finishing bermes and ditches, 16,455 sq.yd. waterbound macadam and bridges and culverts. About $43,664. C. E. Hamilton, clk.

O., Yorkville—Until Aug. 4, by Village Council, paving Pub. Rd. St. from Ohio Valley Turnpike to terminus on west corporation line, hard burnt vitr. brick set on edge, hard burnt vitr. block or concrete. J. A. Hagan, clk.

Indiana—Until July 15, by State Highway Comn., Indianapolis, building highways in St. Joseph, Johnson and Marion, Putnam and Hendricks, Wayne, Marion, Marion and Hamilton, St. Joseph and Elkhart and Jackson Counties; advertised in this issue.

Ind., Shelbyville — Until July 23, by Comrs. Shelby Co., building 10,600 ft. gravel road between Shelby and Hancock Co., also improving 10,600 ft. Marshall-Millburn Rd. between Shelby and Hancock Counties. F. W. Fagel, co. aud.

Mich., Adrian—Until July 18, by G. P. Love, city clk., laying bituminous macadam pavement, 30 ft. wide, curbing and guttering where not at present laid, from north line Seeley St. to north line Albert St., also from North line Albert St. to city line on north; advertised in this issue.

Mich., Port Huron—Until July 17, by Comrs. St. Clair Co., County Bldg., grading, shaping, draining and building drainage culverts and surfacing 6¾ mi. road known as Lynn-Mussey Rd. in vicinity of Capac, Assessment Dist. Rd. No. 22; also 4¼ mi. gravel road known as Harris Rd. in vicinity of Lake Shore, Assessment Dist. Rd. No. 20. D. Belyea, co. engr. Noted May 8.

Ill., Fair Haven—Until July 19, by J. F. Plumer, town clk., Chadwick, building 4.9 mi. Route "A," Project No. 1, gravel or macadam.

Wisconsin—Until July 16, by State Highway Comn., Div. No. 5, La Crosse, improving Fountain City-Winona Rd., Buffalo Co., Federal Aid Project No. 87, involving 38,099 cu.yd. earth, 2619 cu.yd. rock, 149 cu.yd. borrow and 731 cu.yd. earth (creek channel) excav., 257 cu.yd. Class "A" and 12 cu.yd. Class "B" concrete, 133 sq.yd. concrete surfacing, etc.

Wisconsin—Until July 17, by State Highway Comn., Div. No. 4, Grand Rapids, improving Portage-Stevens Pt. Rd., Marquette Co., Federal Aid Project No. 93, involving 17,745 cu.yd. earth and 151 cu.yd. borrow excav., 138 cu.yd. Class "A" concrete, 36,881 sq.yd. gravel surfacing, etc.

Wis., Clintonville—Until July 14, by L. P. Pelishek, engr., City Hall, grading and paving 3 mi. Main and Elm Sts., 18 ft. wide. Noted June 12.

Minn., Duluth—Until July 14, by J. A. Farrell, comr., laying 24 ft. concrete roadway and 6 ft. concrete walk on 1312 ft. 64th Ave. W., from Grand Ave. to Roosevelt St. About $22,408. Work involves 2562 lin.ft. concrete curbing, 7130 lin.ft concrete sidewalk, 4175 cu.yd. earth and 20 cu.yd. rock excav., 4175 sq.yd. concrete, 1312 ft. 12-24 in. pipe, etc.

Minn., Duluth—W. H. Borgen, aud. St. Louis Co., receiving bids improving 5 mi. road as follows: clearing and grubbing 1½ mi. Walsh road, ditching and grading 1¾ mi. Goodell Rd., clearing and grubbing 1 mi. Ralph Rd., clearing and grubbing portion of Brown Rd., clearing, grubbing, grading, ditching, corduroying and installing culverts on Graham Rd., grading, grubbing, ditching and installing culverts on Woodland Rd., clearing, grubbing, ditching, corduroying and installing culverts on Mason Rd. and side ditching 3048 cu.yd., 1578 cu. yd. offtake ditch and 46 cu.yd. culverts trenches on Victor Rd. Separate bids will be received on clearing and grubbing. R. W. Acton, 115 8th Ave., E., engr.

Minn., Litchfield—Until July 16, by F. O. Holm, village recdr., grading, paving and curbing various streets, Sect. 1, involving 5275 cu.yd. grading, 23,531 sq.yd. paving and 7746 lin.ft. curbing; Sect. 2, 4668 cu. yd. grading, 15,343 sq.yd. paving and 3517 lin.ft. curbing. L. P. Wolff, Guardian Life Bldg., St. Paul, engr.

Minn., St. Paul—Until July 14, by H. W. Austin, purch. agt., City Hall, paving Como Ave., between Rice St. and Great Northern R.R. bridge, involving 15,141 sq. yd. 3½ in. southern pine creosoted wood blocks, 2900 bbls. Portland cement, 1347 cu.yd. concrete sand, 2247 cu.yd. crushed stone or gravel, 1809 cu.yd. cushion sand, 105,987 lbs. pitch filler, 1000 lbs. asphalt filler, 2997 ft. B. M. No. 1 rough pine lumber, 3 x 12 in., 625 lin.ft. 12 in. V. C. sewer pipe, 9200 sewer bricks, 139 lin.ft 20 ft., 212.7 lin.ft. 15 ft., 126 lin.ft. 2 ft. sandstone curb, etc.

Kan., Junction City—Until July 28, by city, for 50,000 sq.yd. 3 in. vertical fibre brick No. 1 brick block, concrete or asphaltic concrete pavement, 10,000 cu.yd. excav. and 20,000 lin.ft. curb and gutter. J. N. Bridgman, city paving engr.

Neb., Lincoln—Until July 21, by T. H. Berg, city clk., paving 19th, Park, 24th, 16th and Dudley Sts., 25 ft. wide, involving 434 sq.yd. vertical fibre brick, 17,964 sq.yd. asphaltic concrete, 1335 sq.yd. concrete, 696 lin.ft. concrete curbing, 13,676 lin.ft. curbing and guttering, and 2339 cu.yd. earth excav. About $65,100. No bids received on former advertisement. G. W. Bates, city engr. Noted June 26.

Mo., Albany—Until July 15, by city, for 25,000 sq.yd. vertical fibre brick pavement, 10,000 cu.yd. grading, 14,000 lin.ft. combined curb and gutter, 1500 lin.ft. storm sewer, 16 catch basins and 7 manholes. Archer & Stevens, 609 New England Bldg., Kansas City, engrs.

Mo., Bethany—Until July 23, by Harrison Co. Court, grading, paving with concrete 9 ft. wide, laying macadam shoulders, etc., on 9.4 mi. State Rd., Project No. 8. M. G. Hall, Centerville, Ia., engr.; advertised in this issue.

Mo., St. Joseph—Until July 26, by Buchanan Co. Court, grading and paving 2.2 mi. state road from St. Joseph to One Hundred and Two River, 2½ in. asphaltic concrete, 18 ft. wide. J. D. Mohler, St. Joseph, special highway engr. Noted June 26.

Arkansas—Until July 21, by Comrs. Old Town Rd. Impvt. Dist. of Phillips Co. at office of State Highway Comn., Little Rock, building 15 mi. concrete highway. J. M. Quarles, Helena, engr.; advertised in this issue.

Tex., Baird—Until July 14, J. R. Black, Judge Callahan Co., surfacing with crushed rock and gravel 34.85 mi. Highway No. 1 from Eastland Co. line to Taylor Co. line, 16 ft. wide. About $6000 per mi. H. H. Fielder, Cisco, engr. Noted June 26.

Colo., Denver—Until Aug. 24, by city, paving Alley Paving Dist. No. 50 and 51, concrete. About $25,589 and $22,505 respectively. J. B. Hunter, city engr.

New Mexico—Until July 15, by State Highway Comn., Santa Fe, building Sects. 3, 4 and 5 State Rd. No. 6, Federal Aid Project No. 4, Valencia Co. L. A. Gillett, state highway engr.

Utah—Until July 15, by State Highway Comn., Salt Lake City, paving 3.2 mi. state road from Roy to Ogden, 18 ft. wide, 2 in. bituminous concrete over existing tarvia base; also 3 mi. from North Ogden to Utah Hot Springs, 18 ft. wide, I. R. Browning, c/o State Highway Dept., Salt Lake City, engr.

Wash., Anacortes—Until July 15, by City Council, paving 8396 ft. 7th, 8th, 9th and K Aves., 16 ft. wide, bitulithic concrete. About $37,329. W. B. Short, city engr.

Quebec—Until July 18, by Dept. Rds., Quebec, graveling 75 mi. Provincial Roads. 30, 35 and 40 ft. wide, between Yamaska and Sorel. About $100,000. M. Henry, c/o Dept. Rds., engr.

Quebec—Until July 23, by Dept. Rds., Quebec, building 9 mi. waterbound macadam roads in town of St. Antoine. About $36,000. M. Henry, c/o Dept. Rds., engr.

Que., St. Johns—Town receiving bids building 6 mi. concrete roads and sidewalks. About $34,090. W. H. Bourassa, Town Hall, engr.

Ont., Caledonia—Until July 18, by town, building 22,700 sq.yd. 3 in. tar penetration roads, on 6 in. stone base. Work involves 1400 lin.ft. 6 in. curbing and 1500 cu.yd. earth excav., tar penetration roads. J. W. Avery, clk.

Ont., Owen Sound—Until July 18, by D. H. Fleming, engr., Owen Sound, resurfacing 30,000 sq.yd. macadam with asphaltic concrete, about half requiring concrete base, also constructing 3 mi. curbs and gutters. Noted June 19.

Ont., Kingston—Until July 12, by city, for 8000 ft. pavement, 24 ft. wide, asphalt, asphaltic concrete, asphalt or bituminous macadam or tarvia macadam, 10,500 ft. combined curb and gutter, 6200 ft. concrete gutter and 25,000 sq.yd. 5 in. concrete base. R. J. McLelland, city engr.

Ont., Welland—Until July 21, by Welland Co., building 10 mi. waterbound or bituminous penetration macadam and ¾ mi. concrete roads, 22 ft. wide. About $150,000. G. Ross, Welland, engr.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**R. I., Cranston**—City let contract resurfacing 22,858 sq.yd. Cranston St., sheet asphalt, to E. P. Tracy, 200 Olivia St., Derby, Conn., $1.52 per sq.yd., total cost $34,744. Noted April 17.

New York—State Highway Comn., Capitol, Albany, received bids July 1, improving roads in following counties: (a) Albany Co., 3.98 mi. Schenectady Co. Line-Guilderland Rd., No. 5636;

(b1) Herkimer Co., 5.84 mi. Vanhornesville-Starkville Rd. No. 1362, (b2) 5.67 mi. Paines Hollow-Stone House, Rd. No. 1363;

(c) Oneida Co., .45 mi. North Western-Boonville, Pt. 3, Rd. No. 1462;

(d) Putnam Co., 3.33 mi. Westchester Co. Line-Mahopac Falls, Rd. No. 1512;

(e1) Saratoga Co., 9.06 mi. Schuylerville-Gansevoort, Rd. No. 1461, (e2) 1.52 mi. Wait Cors-Lape Cors, Rd. No. 1523;

(f1) Suffolk Co., 6.59 mi. Bridgehampton-Devon, Pt. 1, Rd. No. 1495, (f2) 4.99 mi. Bridgehampton-Devon, Pt. 2, Rd. No. 1524; completing roads in following counties:

(g) Cayuga Co., 6.98 mi. Port Byron-Weedsport, Rd. No. 5609;

(h) Cortland Co., 6.07 mi. Solon-Gee Brook, Pt. 1, Rd. No. 1435;

Streets and Roads (Continued)

(i) Erie Co., 6.03 mi. Wales Center-Wales, Rd. No. 924-B;
(j) Franklin Co., 1.99 mi. Main and Elm Sts., Malone Village, Rd. No. 5602;
(k) Hamilton Co., 5.01 mi. Tupper Lake-Long Lake, Pt. 1, Rd. No. 1258;
(l) Jefferson Co., 4.05 mi. Carthage-Antwerp, Pt. 4, Rd. No. 5618;
(m) Niagara Co., 8 mi. Cambria-Wilson, Rd. No. 1315;
(n) Schenectady Co., 5.62 mi. Schenectady-Duanesburg, Pt. 2, Rd. No. 5545;
(o) Wayne Co., 5.85 mi. Sodus-Alton, Rd. No. 5632; also repairing roads in following counties:
(p) Rensselaer Co., Rd. No. 490. Repair No. 1208;
(q) Ulster Co., Rd. No. 16, Repair No. 1224, from

Veeder Contg. Co., Inc., Delevan, (a) $108,213,
Brown, Lowe & Parker, Schenectady, (a) $113,751,
Latus & Hawkins, Albany, (a) $116,279,
F. V. Brotsch Co., 1 and B Bldg., Rochester, (b1) $213,423, (b2) $193,112, (c) $28,964;
Rosoff Eng. Co., 15 Park Row, New York City, (b1) $215,503; (k) $91,669,
D. J. Phelan & Co., Utica, (c) $28,283,
McCarthy & Rock, Winthrop, (c) $30,008,
S. Beskin, Beacon, (d) $83,175,
F. G. Fowler Constr. Co., Mt. Kisco, (d) $86,210,
Hughes & Gardner, North Tarrytown, (d) $93,854,
McArthur Bros., 120 Bway., New York City, (e1) $339,793, (f1) $306,435, (f2) $270,063,
Harradine Bros. Co., Inc., Spencerport, (e2) $38,683, (o) $9305,
Pearl Investing Co., Inc., Albany, (e2) $38,782,
H. A. Schaupp, Inc., Guilderland, (e2) $39,628, (n) $73,594,
Good Rds. Eng. & Contg. Co., Inc., Portchester, (f1) $242,205, (f2) $214,111,
C. D. Schlemmer, Islip, (f1) $251,345, (f2) $221,362,
Underpinning & Foundation Co., 290 Bway., New York City, (f1) $258,580, (f2) $231,694,
J. J. McDermott, Port Washington, (f1) $259,018, (f2) $226,522,
Kennedy Constr. Co., Albany, (g) $29,-256,
Hendrickson-McCabe Constr. Co., Rochester, (g) $29,817, (o) $8518,
I. M. Ludington Sons, Inc., Powers Bldg., Rochester, (g) $32,231,
D. W. Robbins, Inc., Utica, (h) $111,470,
T. Grady, Rochester, (h) $114,821,
Felton Constr. Co., Buffalo, (i) $81,567,
A. F. McConville, Ogdensburg, (j) $25,-974,
J. M. Allen, Newark, N. J., (k) $93,578,
A. J. Rockwood, Rochester, (k) $97,961,
Dale Eng. Co., Mann Bldg., Utica, (l) $66,385,
L. J. Devlin, Rensselaer, (m) $62,560,
P. J. Mumm Contg. Co., Inc., Buffalo, (m) $129,755,
O. M. Singer, Wilson, (m) $135,407,
J. J. Malloy, Schenectady, (n) $66,450,
Cleveland & Sons, Brockport, (o) $13,-934,
Troy Contg. Co., Troy, (p) $85,689,
J. Fitzgerald, Hoosick Falls, (p) $87,090,
J. F. Gallagher, Kingston, (q) $54,295,
F. W. Hamilton, Rochester, (q) $57,857.
Noted June 12.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro., received bids June 26, regulating, grading, curbing and laying sidewalks on (a) 93rd Ave., (b) Olmstead Pl., (c) 16th Ave., (d) Hancock St., from R. A. Hess, Inc., (a) $2247; Scott & Kurth, (a) $2301, (b) $3309; Grimm Constr. Co., (a) $2344, (b) $3182; C. Gallagher, (a) $2354, (b) $3037; Sicilian Asphalt Paving Co., 41 Park Row, New York City, (c) $5783, (d) $4955; Uvalde Asphalt Paving Co., 1 Bway., New York City, (c) $5935, (d) $5249; Borough Asphalt Paving Co., 1301 Metropolitan Ave., Brooklyn, (c) $6180, (d) $5411. Noted June 19.

N. Y., Utica—Bd. Contr. & Supply received only bid building parkway extension, beginning at Welsh Bush Rd. and extending along Thomas Proctor Park, to Rutgers St., from H. W. Roberts, 610 Lansing St., bitulithic, $37,240, sheet asphalt, $33,934, asphaltic concrete, $36,196.

New Jersey—State Highway Comn., Broad St. Bank Bldg., Trenton, received bids building State Highway Route No. 1, Sect. 3, Robbinsville to Windsor, Mercer Co., from Hugh Nawn Contg. Co., 1211 Chestnut St., Phila., $149,562; H. Wilhelm Sons, Inc., Elizabeth, $157,248; Harop & Shannon, Inc., Garfield, $159,991. Noted June 19.

★**N. J., South Orange**—Village let contract paving sidewalks andcurbing 15,000 ft. Irving Ave., to J. Sellitto, 163 Church St., $24,246. Work involves 2850 lin.ft. curbing, 11,500 lin.ft. sidewalk, 1400 cu.yd. excav.

★**Pennsylvania**—State Highway Dept., Harrisburg, let contracts to H. Nawn Contg. Co., Phila., for 19,706 ft. rein.-con. pavement on Route No. 140 and 24,765 ft. on Route No. 199, Dauphen Co., cost $143,812 and $186,863 respectively; to Mason & Hanger, Inc., Chambersburg, for 25,402 ft. rein.-con. and Hillside vitr. brick, on Route No. 161, Northumberland Co., $199,629; to Boyle Constr. Co., Wilkes-Barre, for 9148 ft. bituminous surface course on concrete foundation, Routes Nos. 239 and 249, Columbia Co., $84,630; to W. P. McDonald Const. Co., Phila., for 10,802 ft. bituminous surface course on concrete foundation, Routes Nos. 3 and 4, Columbia Co., $157,433; to Standard Contg. Co., Altoona Trust Bldg., Altoona, 1269 ft. rein.-con., Route 260, Blair Co., $19,880; to Claiborne-Johnston Co., 10th Ave. and 6th St., Baltimore, Md., for 21,506 ft. rein.-con., Route No. 136, Lancaster Co., $162,093. Noted July 3.

★**Pennsylvania** — State Highway Dept., Harrisburg, let contract building roads in counties as follows:

Blair Co., 890 ft. rein.-con., Gaysport Boro., to Standard Contg. Co., Altoona Trust Bldg., Altoona, $5872; 23,075 ft. repair work, Logan Twp., to Eastern Paving Co., Colonial Trust Bldg., Phila., $27,200.

Bradford Co., 6640 ft. concrete, Athens Twp., to Valley Constr. Co., Athens, $38,540.

Cambria Co., 32,180 ft. rein.-con. and Hillside vitr. brick, Jackson Twp., to Nicola Bldg. Co., Penn and Denniston Aves., Pittsburgh, $259,956.

Centre Co., 27,940 ft. bituminous surface ocurse or rein.-con. Boggs Twp., to Vipond Constr. Co., 2222 Beale Ave., Altoona, $215,711.

Chester Co., 2932 ft., bituminous surface course or rein.-con., Oxford Boro., to Juniata Co., Empire Bldg., Phila., $21,602.

Cumberland Co., 24,275 ft. rein.-con. and Hillside vitr. brick, Upper Allen Twp., to Langthorne Co., New York City, $181,605.

Crawford Co., 9067 ft. rein.-con., Woodcock and Hayfield Twps., to Keystone Constr. Co., Meadville, $62,627.

Erie Co., 4854 ft. bituminous surface course on concrete foundation and Hillside vitr. brick, Girard Boro. and Twp., to Mayer Bros. Constr. Co., Commerce Bldg., Erie, $86,634; 20,200 ft. rein.-con., Wayne Twp., Highway Constr. Co., Erie, $136,532; 27,409 ft. bituminous surface course and Hillside vitr. brick on concrete foundation, Mill Creek and Fairview Twps., to Campbell Bros. Co., Stambaugh Bldg., Youngstown, O., $237,684.

Lancaster Co., 37,684 ft. bituminous surface or rein.-con., East and West Hempfield Twps., to Freeland Constr. Co., Freeland, $247,273.

Lycoming Co., 39,319 ft. rein.-con., Platt and Woodward Twps., to W. J. Gephart, Pittsburgh, $322,931.

Mercer Co., 3678 ft. bituminous surface course or rein.-con., on concrete foundation, Grove City Boro., to Brackenridge Sand & Gravel Co., Brackenridge, $44,169.

Potter Co., 26,400 ft., bituminous surface course or rein.-con. on concrete foundation, Eulalia and Roulette Twps., to Horn & Devling, Main St., Galeton, $215,048.

Warren Co., 6544 ft. rein.-con., Youngsville Boro., to J. McCormick & Bros., Erie, $39,907.

York Co., 40,712 ft. bituminous surface course on concrete foundation and Hillside vitr. brick, or rein.-con. and Hillside vitr. brick, Carroll and Franklin Twps., to Langthorne Co., New York City, $297,908. Noted June 26.

★**Pa., Clairton**—Boro. let contract grading, paving, curbing and sewering section of Miller Ave., to C. Donatella, 1313 Collier St., Pittsburgh. About $54,000. Noted June 19.

★**Pa., Crafton** (Pittsburgh P. O.)—Boro. let contract grading, paving and curbing Barr St. from Keever to Williard Sts. and Harris Ave. from Barr to Clearview Sts., to J. Creary. About $8000 and $20,000 respectively. Noted May 22.

★**Pa., Dormont** (Pittsburgh P. O.)—Boro. let contract grading, paving and curbing Pinehurst and Latonia Aves., to J. P. Gary, Kensington House, New Kensington. About $17,782. Noted July 3.

★**Pa., Greensburg**—Westmoreland Co. let contracts building 3.10 mi. Greensburg-Scottdale Rd., to Corrado & Galiardi, cost $140,436 brick, $125,931 concrete; 2.88 mi. road in Ligonier Twp., to J. Hermann, $96,010 brick, $75,734 concrete. Noted June 5.

★**Pa., Pittsburgh**—Allegheny Co. let contract building 5700 ft. Painters Run Rd. in Bridgeville Boro., to T. Cronin, South 17th and Muriel Sts., $53,137. Work involves 625 sq.yd. vitr. brick, 7315 sq.yd. concrete, 1000 sq.yd. paved gutter, 12,000 cu.yd. earth excav. and 3100 ft. 6 in. vitr pipe drain. Noted Apr. 24.

★**Pa., Pittsburgh**—Allegheny Co. let contract grading, paving and curbing 2050 ft. Main St., in Baldwin Twp., from Library Rd. to Carrick Boro. line, 24 ft. roadway, to M. Ott & Co., 414 Warrington Ave., $34,-135. Noted June 5.

★**Pa., Pittsburgh**—Allegheny Co. let contracts improving 5280 ft. McCoy Rd., 18 ft. wide, to J. H. McQuaide & Sons Co., Bakewell Bldg., $46,040; 3 mi. Bull Creek Rd., 16 ft. wide, concrete base and asphaltic concrete surface, to Booth & Flynn, 1942 Forbes St., $104,254. Noted June 26.

★**Pa.**, Reading—City let contract for 10,-000 sq.yd. sheet asphalt pavement, to Dewey Cement Gun Constr. Co., 836 Hamilton St., Allentown. Noted June 12.

★**Pa., Washington**—Washington Co. let contracts improving 5400 ft. Beallsville-Zollarsville Rd., 14 ft. wide, concrete, to Donora Constr. Co., 1st and 2nd Sts., Donora, $32,424; 1400 ft. West Alexander-Mechanic St. Rd., 24 ft. wide, rein.-con., to Tarentum Sand & Gravel So., Tarentum, $12,223; 6600 ft. Avella-Cross Creek Rd., 14 ft. wide, concrete, to G. S. White & Co., Jenkins Arcade, Pittsburgh, $39,883; 9500 ft. Midway-Primrose Rd., 16 ft. wide, rein.-con., to McPherson Bros., 421 Chestnut St., Sewickley, $58,073; 8800 ft. Burgettstown-Bulger Rd., 16 ft. wide, rein.-con., to Federal Constr. Co., Pittsburgh, $56,135. Noted June 5.

★**Pa., Williamsport** — City let contract paving sections of Cemetery, Race, Maynard, William and Locust Sts. and Park Ave., to Busch & Stewart, Trust Bldg. About $10,000.

★**Md., Baltimore**—Bd. of Awards let contracts to Arundel Constr. Co., 911 Eastern Ave., grading, curbing and paving Crooked Lane, involving 340 sq.yd. granite block relaid with 5 in. concrete base, and Washington Pl., 1540 sq.yd. Hillside vitr. brick block with cement filler on 5 in. concrete base, Contr. No. 164, cost $7547, also Brevard St. and 2 alleys running therefrom, 2910 sq.yd. 6 in. cement concrete, Contr. No. 165, $7058; P. Reddington & Sons, 2 East Lexington St., Arch, Vine and Pierce Sts. and Penn Alley, involving 11,920 sq.yd. 6 in. cement concrete, Contr. No. 166, $33,-365. Noted June 12.

Virginia—State Highway Comn., Richmond, received bids building 2.69 mi. road from Ryans Mill to Coleen, waterbound macadam, Project No. 33, Nelson Co., from Royers & Shumway, Buchannon, $59,438, and J. L. Chandler, Virgilina, $39,797; 4.27 mi. road from Fairfield to Timber Church, waterbound macadam, Project No. 35, Rockbridge Co., from W. Z. Johnson, Lexington, $64,500, and L. R. Colbert, Fredericksburg, $68,000. Noted June 12.

★**W. Va., Wheeling** — Comrs. Ohio Co. let contract building 1 mi. National Rd. to Valley Grove, to Cass & Otto, Wheeling. About $35,056.

★**S. C., Spartanburg**—Comrs. Spartanburg Co. let contract relocating, grading, draining, building drainage structures and surfacing with top soil, 6.7 mi. road from Reidville to Duncan, Federal Aid Project No. 1213, 30 ft. wide, involving 35 cu.yd. concrete, 31,720 cu.yd. earth and 500 cu.yd. rock excav., 570 lin.ft. vitr. pipe and 23,628 cu.yd. top soil, to Cooley & Gillespie, Greenville, $31,510.

★**Ga., Washington** — City let contract paving, draining and curbing 118,000 sq.yd. main streets, to Ely Constr. Co., Lamar Bldg., Augusta. About $83,000. Noted June 26.

★**Fla., West Palm Beach**—Comrs. Palm Beach Co. let contract grading and hard surfacing 16.5 mi. road from here to Lake Okeechobee, to Bryan & Snyder Co., Ft. Lauderdale, $129,975.

Streets and Roads (Continued)

O., Cleveland—City received bids paving (a) East 125th St. from Luke to Abell Aves. involving 18,200 sq.ft. 4 in. brick paving on 6 in. concrete base and 1520 ft. 5 in. stone curbing, (b) East 63rd St. from Francis to Watterman Aves., 28,000 sq.ft. 4 in. brick on 6 in. concrete base and 2000 ft. 5 in. stone curbing, (c) East 55th St. from Howard to Brew Aves., 19,000 sq.ft. 5 in. brick paving on 6 in. concrete base and 1360 ft. 5 in. stone curbing, (d) East 4th St. from Huron to Bolivar Rds., 31,020 sq.ft. Medina block paving on 6 in. concrete base and 1000 ft. 5 in. stone curbing, (e) East 4th St. from Huron Rd. to Prospect Ave., 13,000 sq.ft. 5 in. granite block on 6 in. concrete base and 770 ft. 6 in. curbing, from A. M. Pejsa, 2359 East 93rd St., (a) $11,581, (b) $17,825. Baldwin Bros., 4500 Euclid Ave., (a) $11,659, (b) $17,457, (c) $13,251, (d) $25,952, (e) $12,892; Rieley Bros., 357 The Arcade, (a) $11,867, (b) $17,282, (c) $13,187, (d) $25,298, (e) $12,780; Cleveland Trinidad Paving Co., The Arcade, (c) $10,223; R. P. Burnett, Society for Savings Bldg., (d) $25,004, (e) $12,582.

★O., Dayton—City let contract paving 2000 ft. 3rd St. from Perry to St. Clair Sts., 60 ft. wide, involving 13,400 sq.yd. oil A wood block, 4200 lin.ft. granite curbing, and 2000 sq.ft. cement sidewalks, to E. D. Murray, 10 Cambridge Ave., $93,304. Noted June 26.

★O., Toledo—City let contract grading, draining, curbing and paving with rein.-con. 1248 ft. Martha St., 24 ft. wide, involving 1149 cu.yd. earth excav., to Peters Bros., 237 Marion St., cost $16,132; 2581 ft. Oakdale Ave., 26 ft. wide, rein.-con., involving 5012 cu.yd. earth excav., to Russel & Jennison, 2463 Bway., $32,718. Noted June 26.

★Mich., Ford (Wyandotte P. O.)—Village let contract paving and curbing 3000 ft. Goddard Rd. from Biddle Ave. to west village limits, 30 ft. wide, and 1400 ft. Hudson St. from Middle Ave to Detroit, Toledo, & Ironton R.R., 24 ft. wide, to Rice Constr. Co., Wyandotte. Noted June 26.

★Illinois—Dept. Pub. Wks. & Bldgs., Div. of Highways, Springfield, let contracts improving Sects. G, H, C, P-15d, and D, to J. Black Masonry & Constr. Co., 212 West Washington St., Chicago, $680,000; Sect. A1 and A2, to Holm Page Co., 1604 4th Ave., Rockford, $118,300; Sects. E, F and L-15d, to W. F. Smith & Co., Renssalaer, Ind., $307,986. Noted June 19.

★Wis., Jefferson—Bd. Pub. Wks. let contract grading and paving 9000 sq.yd. C St., from Rock River to 1st Ave., etc., to McNamara Constr. Co., Dubuque, Ia., $18,180. Noted June 5.

★Minn., Blue Earth—J. J. Herring, aud. Fairbault Co., let contract grading and graveling 20 mi. Federal Aid Project No. 36, 24 ft. wide, to H. Enke, Tyler, $115,000. Noted June 12.

★Minn., Litchfield—Comrs. Meeker Co. let contract improving 167.1 mi. State Rd. No. 6, Federal Aid Project No. 40, to S. J. Groves & Sons, 100 Kasota Bldg., Minneapolis, $107,689. Noted June 12.

★Minn., Marshall—R. D. Houdersheldt, aud. Lyon Co., let contract grading and graveling 9 mi. Federal Aid Project, State Rd. No. 6, to Spencer & Chambers, Marshall, cost plus percentage basis. Noted June 12.

★Minn., Morris—Comrs. Stevens Co. let contract paving 10 mi. State Rd. No. 2, Federal Aid Project No. 67, to Foley Bros., 209 Gilfillan Bldg., St. Paul, $280,167. Noted May 22.

★Kan. Mankato—City let contract paving, curbing and guttering various streets, vitr. brick on concrete base, to Central Bridge Co., Mankato, $35,392.

★Neb., Ainsworth—Village let contract to Bauer & Johnson, 201 Farnam Bldg., Omaha, paving 19,340 sq.yd. with rein.con. at $2.90 per yd., 6520 lin.ft curb and gutter, $1.10 per ft. and 4800 ft. of soft steel protection plates. Total cost, $62,968. Noted June 12.

★Neb., Omaha—Douglas Co. let contract paving 6 blocks Gilmore Ave. from Railroad Ave. to Harrison St., 30 ft. wide, involving 10,466 sq.yd. vitr. brick on 6 in. concrete base, 5540 lin.ft. curbing and 2700 cu.yd. earth excav., to Natl. Constr. Co., 4811 South 24th St., $36,939.

★Neb., Stromsberg—Comrs. Polk Co. let contract to Hugh Murphy Constr. Co., 204 Karbach Blk., Omaha, paving 19,926 sq.yd., with 3 in. brick blocks on 4 in. concrete base at $3.78 per yd., also 6900 ft. 24 in. combination and 1700 ft. 7 x 20 in. straight curbing and guttering, $1.12½ per ft. Total cost about $86,000.

★Montana — State Highway Comn., Helena, let contract gravel surfacing 2.02 mi. Hardin-Custer Rd., 18 ft. wide, Big Horn Co., to A. Carlson, Columbus, $16,811. Noted May 1.

★Montana — State Highway Comn., Helena, let contract gravel surfacing 4 mi. Tongue River Rd., Sec. No. 1, Custer Co., to Schlueter Bros., Miles City, $20,014. Noted June 12.

★Mont., Laurel—City let contract paving 2¼ mi. streets, to F. G. Steinmetz, Laurel, $20,668.

Tex., Bonham—Comrs. Fannin Co. received lowest 3 bids improving 7.121 mi. Bonham-Sherman Rd. from Ector to Grayson Co. line, 14 ft.-16 ft. wide, from J. W. Rooks, McAlester, Okla., $59,237; Allhands & Davis, Wills Point, $75,368; Womack Constr. Co., Dallas, $79,755. Noted June 12.

★Tex., Houston—Comrs. Harris Co. let contract building 9.213 mi. Highway No. 3 A, known at Katy Rd., to Snyder Bros., Bay City, $16,525. Noted May 8.

Tex., Jasper—Comrs. Jasper Co. received lowest 3 bids grading and gravel surfacing 16.21 mi. Highway No. 7 from Jasper, west to county line, 12 ft. wide, from Smith Bros. & Bland, Jasper, $122,046; Allhand & Davis, Wills Point, $127,467, J. S. Moore, Lufkin, $131,077. Noted June 12.

★New Mexico—State Highway Comn., Santa Fe, let contract building 12 mi. Federal Aid Project No. 15, from Las Cruces to Mesquite, Dona Ana Co., to Lee Moor Constr. Co., 312 Two Republics Bldg., El Paso, Tex. About $300,000.

★Ariz., Bisbee—City let contract for 40,000 sq.yd. concrete paving, 8 in. thick with wearing surface, cement curbs and walks, to F. V. McPeak, 2415 Gramercy Park, Los Angeles, Cal. About $105,000.

★Washington—State Highway Comn., Olympia, let contract paving 8 mi. Pacific Highway from Mt. Vernon to Snohomish Co. line, concrete, to McAdam & Co., Seattle, cost $244,664; 3 mi. Olympic Highway from Montesano west, concrete, to Aberdeen Paving Co., Aberdeen, $80,333; 3.2 mi. road from end of Montesano paving to east of golf links, 18 ft. wide, involving 41,200 sq.yd. 1 course concrete, to Blake Contg. Co., Montesano, $80,000. Noted June 12.

★Washington—State Highway Bd., Olympia, let contract paving 7 mi. Pacific Highway from Forest to Toledo, Post Rd. No. 27, concrete, Lewis Co., to T. M. Morgan, Auburn, cost $221,644; 4.5 mi. Sunset Highway from Deep Creek west to county line, Project No. 22, concrete, to Standard Asphalt Paving Co., 517 Lincoln St., Spokane, $131,358. Noted June 12.

★Washington—State Highway Bd., Olympia, let contract paving 3.9 mi. Sunset Highway east of Spokane Co., Spokane Co., to Clifton, Applegate & Toole, Hutton Bld Spokane, $116,895; 2640 ft. Pacific Highway east of Everett, Snohomish Co., to J. Hoover Co., Everett, $32,204; 5.5 mi. Pacific Highway from Woodland to Martins Bluff, Cowlitz Co., to D. A. Williams, Bradley Rd. and Prospect Hill, Tacoma, $34,038; clearing, grading, draining and surfacing 7 mi. Pacific Highway from Olympia to Ternon, Thurston Co., to Alberton, Cornell & Simpson, Tacoma, $189,200; 7.8 mi. Chelan-Okanogan Highway from Tonasket to Oroville, Okanogan Co., to Anderson & McDowell, Molson, $51,325; 7.8 mi. Chelan-Okanogan Highway from Brewster to Malott, Okanogan Co., to R. A. Sloane, Seattle, $56,654; 4.9 mi. Sunset Highway east of Hartline, Grant Co., to A. A. Proulx, Almira, $44,268. Noted June 19.

★Wash., Aberdeen—City Council let contract building 45 blocks concrete sidewalk on Bway., G, H, I, K, L, 1st, 2nd, 3rd, 4th, 5th and 8th Sts., 6 ft. wide, involving 18,000 sq.yd. 4 in. concrete, to Haukell, Hegg Co., Aberdeen, $19,953. Noted June 5.

★Wash., Aberdeen—City Council let contract clearing, subgrading, paving, building sidewalks and drainage headers on Wishkah St. from Washington to Division Sts., 30 ft. wide, involving 4256 sq.yd. concrete, 2070 lin.ft. concrete curbing and 1410 sq.yd. 6 in. concrete sidewalks, to Grays Harbor Constr. Co., Aberdeen, $18,363. Noted June 12.

Wash., Bremerton—City received only bid paving Washington St., concrete, from Badiloto & Hulett, Seattle, $49,495.

★Wash., Seattle—Bd. Pub. Wks. let contracts to John & Bressi, Seattle, paving 32nd Ave. N. E., et al, involving 13,350 sq.yd. 6 and 7 in. concrete, 6680 lin.ft. concrete curbing and 3300 cu.yd. earth excav., cost $66,816, King St., et al, 30,300 sq.yd. concrete, 11,000 lin.ft. concrete curbing and 16,600 cu.yd. earth excav., $182,943; to F. McLellan, Seattle, paving East 50th St., et al, 26,940 sq.yd. concrete, 18,500 lin.ft. concrete curbing and 9200 cu.yd. earth excav., $101,079; to F. McHugh, Seattle, paving Rainier Ave., et al, 17,250 sq.yd. concrete on 6 in. concrete base, 7410 lin.ft. concrete curbing and 13,600 cu.yd. earth excav., $139,480. Noted June 12.

★Wash., Vancouver—Comrs. Clarke Co., let contract paving 4.75 mi. Feleda-Hazel Dell Rd., gravel bitulithic, to Warren Constr. Co., Journal Bldg., Portland, Ore., $110,283. Noted May 29.

★Ore., Beaverton — City let contract paving with bitulithic concrete, grading, draining and building concrete curbing on 12 blocks, to Warren Constr. Co., Journal Bldg., Portland, $15,514. Noted June 19.

Ore., Portland—City Council received bids grading and building sidewalks on East Flanders, East Davis, East Everett, East Burnside, East 69th, 70th and 71st Sts., from Alaska Plumbing and Heating Co., 413 East Morrison St., $12,552; M. Hansen & Co., $14,107; S. Simonsen, 841 East 10th St., $14,190; paving and building sidewalks on Cable St. from Terrace Rd. to Mill St., concrete No. 1, from Cochran Bros., $7600; East 62nd St. from Sandy Blvd. to Fremont St., from Warren Constr. Co., Journal Bldg., asphaltic concrete on crushed rock base, $9189; Cochran Bros., concrete No. 1, $9784; Minnesota Ave. from Emerson St. to Killingsworth Ave., from Cochran Bros., concrete No. 1, $3259.

★Cal., Oakland—City let contract paving 54th Ave., to Hutchinson Co., 444 17th St., $12,565. Work involves 2031 lin.ft. redwood curbing, 5931 lin.ft. concrete gutter, 9085 lin.ft. cement sidewalk and 19,788 sq.ft. oil macadam pavement.

★Que., Ste. Anne de Bellevue—Dept. Pub. Wks., Ottawa, let contract for grading and other road work at Military Hospital, here, to I. Kert & Son, Montreal. About $22,882.

★Ont., Ingersoll—Town let contract to Frid Constr. Co., Sun Life Bldg., Hamilton, for concrete pavements at $2.15 per sq.yd., concrete curbing, $0.30 per lin.ft., 8 in. sewer, $1 per lin.ft., 4 in. tile, $0.16 per lin.ft. and catchbasins, $30 each. Total cost about $80,000.

★Ont., Mimico — Town let contract building 1¼ mi. concrete pavement, 18 ft. wide, including curbing and sewering, to Archibald & Wright, Toronto. About $80,000, and $5000 for rental of equipment plus $3000 profit.

★Ont., St. Thomas—City let contract to Standard Paving Co., Central Chambers, Ottawa, paving 20,000 sq.yd. with asphalt on 6 in. concrete base, at $3.35 per sq.yd., 10,000 lin.ft. concrete curbing and guttering at $.86½ per lin.ft. and paving between tracks at $3.73 per lin.ft. Total cost about $45,000. Noted June 5.

Railways

PROPOSED WORK

Louisiana—Pub. Belt. R.R., City Hall, New Orleans, plans to sell $600,000 bonds to extend line. A. F. Barclay, engr.

California—E. F. Stahle, chn. com. transportation of chamber of commerce of La Jolla, has announced that arrangements have been made for financing construction of electric car line at La Jolla. It is planned to take over present line of Bay Shore R. R. which connects with Point Loam Electric R. R. at Ocean Beach and runs through Mission Beach, and build new 4½ mi. line, using 60 lb. rail, which is to be operated as an adjunct of San Diego Electric Ry., now operating Point Loma line.

Railways (Continued)

Nova Scotia—C. B. Brown, ch. engr. Canadian Natl. Rys., Moncton, N. B., soon lets contract grading 9.13 mi. for double-track line from Springhill to Maccan, about $180,000; also 7.57 mi. for additional main line from Truro to Belmont, about $249,000.

New Brunswick—C. B. Brown, ch. engr., Canadian Natl. Rys., Moncton, soon lets contract grading 3.35 mi. cut-off at Moncton Yards, involving about 150,000 cu.yd. clay. About $75,000.

Quebec—C. B. Brown, ch. engr., Canadian Natl. Rys., Moncton, N. B., soon lets contract grading 4.70 mi. for double-track diversion, between St Rosalie and Charlotte. About $57,000.

Ontario—W. F. Tye, engr., Montreal, submitted report to officials of Canadian Pacific Ry., Windsor St. Sta., Montreal, and Grand Trunk Ry., McGill St., Montreal, for interswitching tracks of two lines at Owen Sound, railway stations of which are on opposite sides of Sydenham River. About $100,550.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Ohio**—Cuyahoga Co. let contract building spur track in Cleveland to connect with Lake Shore R.R. tracks, to R. E. Carey Constr. Co., 1500 West 112th St., Cleveland. About $10,000.

Excavation and Dredging

PROPOSED WORK

Tex., San Antonio—Channel—City election July 26 to vote on $200,000 bonds to build river channel. H. Helland, city engr.

Colo., Las Animas—Dam—Whiting and Laird, archts., Exch. Bldg., Denver, soon let contract building Muddy Creek dam, 25 mi. south of here, for Mutual Carey Irrigation Co., Exch. Bldg., Denver. Work involves 620,000 yd. fill, 50,000 yd. additional earth work and 1330 cu.yd. concrete.

Ore., Bandon—Dredging—Port of Bandon plans to remove rocks from jetty to include dredging, blasting, etc. About $127,000. Federal Government will bear one-half cost.

Cal., Berkeley — Dredging — See "Miscellaneous."

B. C., Victoria—Canal—Provincial Government soon lets contract building and completing 8 mi. irrigation canal from point of diversion on Okanagan River, with excavations for structures as may be necessary. About $100,000. E. A. Cleveland, c/o Dept. Lands, Victoria, engr.

BIDS DESIRED

N. J., Atlantic City—Excavation—See "Miscellaneous."

Minn., Duluth—Ditch—See "Streets and Roads."

Mont., Columbus—Drainage—Until July 20, by H. M. Ray, drain comr., Stillwater Co., building lake drain, involving 59,130 cu.yd. open canal, 20,440 cu.yd. trenching and 3 mi. 20 in. tile. H. C. Rothwell, Columbus, engr.

B. C., New Westminster — Dredging — Dept. Pub. Wks., Ottawa, Ont., receiving bids dredging north arm of Frazer River, between here and Marpole.

B. C., Powell River—Dredging—See "Miscellaneous."

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract.)

★**Mo., Grant City**—Drainage—Worth Co. D. D. No. 1 let contract building 13 mi. drainage ditches, involving 993,000 cu. yd. earth excav., to Reise Constr. Co. 320 North 15th St., Kansas City. About $119,000. Noted May 1.

★**Ore., Portland**—Channel—Pub. Dock Com. let contract digging channel from Columbia Slough to Columbia River, to pacific Bridge Co., foot of Salmon St., $309,450. Noted July 3.

★**Ont., Cobourg** — Dredging — Dominion Government, Ottawa, let contract for 57,000 cu.yd. excav., here, to Ottawa Contractors, Ltd., Elgin St., Ottawa, $15,390.

Industrial Works

PROPOSED WORK

Mass., Holyoke—Hall's Dairy, Inc., 11 Brooks Ave., plans to build 2 story 60 x 75 ft., brick building, rein.-con. flooring, concrete foundation on Sargeant St. About $40,000. G. P. B. Alderman & Co., People's Savings Bank Bldg., archts.

Mass., Palmer—Clinton-Wright Wire Co., Hammond St., Worcester, plans to build 1 story plant here. About $100,000. Architect not selected.

Mass., Turners Falls—Esleeck Mfg. Co. plans to build 5 story brick addition to factory here. About $75,000.

R. I., Westerly—Arnold Rudd Co., 318 Bank St., New London, Conn., plans to build warehouse here. About $40,000.

R. I., Woonsocket—McClintock & Craig, engrs., 33 Lyman St., Springfield, Mass., soon receives bids building 1 and 2 story 60 x 120 ft. brick and concrete dyeing and finishing plant for Gold Mark Knitting Co., Water St. About $300,000.

Conn., Bridgeport—Schwerdtle Stamp Co., 41 Cannon St., plans to construct 3 story, 30 x 60 ft. manufacturing building, brick and concrete, rein.-con. flooring, concrete foundation, on Cannon St. About $25,000. Private plans.

Conn., Middletown—New York, New Haven & Hartford R.R. plans to rebuild round house at freight yard here. About $25,000. E. Gagel, New Haven, ch. engr.

Conn., New Haven—S. D. Woodruff & Sons, Orange, soon receive bids building 1 story, 80 x 140 ft. garage with wing 40 x 80 ft., concrete and brick, rein.-con. flooring, concrete foundation, on Whalley Ave., here. About $35,000. Shiner & Appel, 185 Church St., archts.

Conn., New London—M. Rosoff, 90 Park St., soon receives bids building 1 story steel and brick garage, rein.-con. flooring, concrete foundation, on College St. About $30,000. J. Weinstein, 6 Church St., New Haven, archt.

N. Y., Brooklyn—I. Canry Mfg. Co., c/o W. T. McCarthy, archt., 16 Court St., soon receives bids building 3 story brick and steel factory, rein.-con. flooring, concrete foundation, on Belmont and Georgia Aves. About $200,000.

N. Y., New York—H. O. Chapman, archt., 334 5th Ave., receives bids about July 12, building 7 story, 50 x 100 ft. brick and steel publishing house, brick foundation, for Street & Smith, 161 West 15th St. About $125,000.

N. J., Trenton—Freihofer Baking Co., Indiana and 20th Sts., Phila., plans to build bakery, here. About $300,000. Architect not selected.

Pa., Phila.—A. Finmore, 902 South 10th St., soon lets contract building 4 story, 30 x 40 ft. brick, steel and timber warehouse. H. D. Dagit, 4527 Pine St., archt.

Pa., Pittsburgh—Basic Mineral Co., 834 Columbus Ave., having plans prepared by Leffler & Schubert, archts., North Side, building 2 story, 75 x 75 ft. rein.-con. and brick addition, rein.-con. flooring, concrete foundation, on Columbus Ave., to include storerooms, laboratory, mill and electric furnace. About $25,000.

Md., Baltimore—W. B. Cassell & Co., 1027 South Howard St., having plans prepared for 4 story, 35 x 145 ft., rein.-con. warehouse, rein.-con. flooring, concrete foundation, on Cross St. and Key Highway. About $60,000. H. F. Doelman, 507 North Charles St., engr.

Md., Baltimore—Genl. Coffee & Tea Co., Light and Lee Sts., having plans prepared by G. R. Callis, Jr., archt., 55 Knickerbocker Bldg., for 5 story, 83 x 197 ft., rein.-con. and brick warehouse, concrete foundation. About $65,000. J. Posey, 925 Fidelity Bldg., consult. engr.

Md., Baltimore—W. Schluderberg & Son, 4th and Bank Sts., having plans prepared by C. B. Comstock, archt. and engr., 110 West 40th St., New York City, for first unit of packing plant, to be 4 or 5 story, rein.-con., concrete foundation, on East Baltimore St. between 5th and 7th Sts., About $250,000. Total cost $500,000.

Md., Cumberland—Amer. Cellulose Mfg. Co. preparing plans for 1 and 2 story, concrete, iron and steel additions to plant. About $1,000,000.

Md., Curtis Bay (Baltimore P. O.)—C. S. Walton Co., 3rd and Vine Sts., Phila., plans to build factory on 10 acre site at junction of Cabin Branch and Baltimore & Ohio R.R., here. Cost between $40,000 and $50,000.

Md., Highlandtown (Baltimore P. O.)—Jones & Lamb Co., Pennsylvania and Fulton Aves., soon lets contract remodeling plant of Monumental Brewery Co. and constructing several rein.-con., steel and brick buildings, rein.-con. flooring, rein.-con. foundation, on Lombard St. About $500,000. This item incorrectly noted in June 19 issue.

W. Va., Parkersburg—Parkersburg Rig Reel Co. soon receives bids building 1 story, 105 x 220 ft., brick and steel foundry. About $75,000. Day & Zimmerman, 611 Chestnut St., Phila., archts. and engrs.

La., New Orleans—Charity Hospital, Tulane Ave., having plans prepared by A. W. Lewin, engr., c/o Assn. Commerce, 635 Common St. for 2 story, concrete, steel and brick power house, on Tulane Ave. About $90,000.

O., Akron—Swirsky & Miller, archts., Peoples Trust & Savings Bldg., soon let contract building 3 story, 50 x 110 ft. brick and steel factory and warehouse, rein.-con. flooring, concrete foundation, for Akron Mattress Co., Railroad and Miami Sts. About $80,000.

O., Cleveland—Arjo Realty Co., 214 Williamson Bldg., plans to build 2 story, 80 x 109 and 100 x 405 ft., concrete, steel and brick addition to factory, at 6545 Euclid Ave. About $250,000. Architect not selected.

O., Cleveland — Cleveland Illuminating Co., Illuminating Bldg., soon lets contract building 1 story, 70 x 167 ft., concrete, steel and brick garage, at 6500 Cedar Ave. About $60,000. P. H. Cobb, Illuminating Bldg., archt.

O., Cleveland—Cleveland Metal Products Co., 1141 Ivanhoe Rd., having plans prepared by G. S. Rider, archt., 612 Century Bldg., for 1 story, 29 x 54 x 12 ft. storage building, cost $60,000, and 3 story, 60 x 90 ft. addition to assembling room, $120,000; concrete, steel and brick. Noted July 3.

O., Cleveland—H. E. Hedges, 428 Guardian Bldg., had plans prepared by C. S. Griese, archt., 1321 West 85th St., for 1 story, 50 x 250 ft., concrete, steel and brick garage, rein.-con. flooring, at 2040 East 105th St. About $60,000.

O., Cleveland—Gabriel Mfg. Co., 1407 East 40th St., plans to build 2 story, 40 x 151 ft., concrete, steel and brick addition to factory. About $30,000. Architect not selected.

O., Cleveland—Peerless Motor Car Co., East 93rd St. and Quincy Ave., having plans prepared by W. J. Carter, archt., 723 Illuminating Bldg., for 1 story, 45 x 160 ft. addition to machine shop, cost $25,000, also 3 story, 40 x 120 ft., addition to assembling room, $40,000; both concrete, steel and brick. Noted July 3.

O., Cleveland—Theuner Norton Provision Co., West 65th St. and Stock Ave., had plans prepared by F. J. Anders, archt. and engr., 430 Erie Bldg., for 3 story, 32 x 50 ft., concrete, steel and brick addition to factory. About $30,000. Noted July 3.

O., Columbus—Timken Roller Bearing Co., Dueber Ave., Canton, plans to build branch plant here, to cost between $1,000,000 and $1,500,000. Main building to be 300 x 500 ft., modern saw-tooth type construction.

O., Dayton—Dayton Steel Co. purchased plant on Howell and Parker Sts., and plans to enlarge same for manufacture of fabricated structural steel and bridges. About $35,000.

O., Dayton—Dayton Eng. Laboratories Co., East 1st St., soon receives bids building 6 story, 200 x 200 ft., rein.-con. and brick addition to factory, rein.-con. flooring, concrete foundation. About $250,000.

O., Dayton—Gem City Auto Sales Co., Monument and Stratford Sts., plans to build 2 story, 60 x 130 ft., rein.-con. and brick garage and sales building, rein.-con. flooring, on Monument St. About $100,000. Architect not selected.

O., Dayton — Mitchell-Ite Explosive Co., 808 Dayton Savings and Trust Bldg., plans to build plant on tract south of here, to consist of several 1 story buildings. About $100,000.

Mich., Detroit—Amer. Seed Co., Fort and 21st Sts., having plans prepared by B. C. Wetzel & Co., archts., 2317 Dime Bank Bldg., for 5 story, 40 x 60 ft., factory and 2 story, 24 x 76 ft. garage, rein.-con., brick and steel, rein.-con. flooring, concrete foundation.

Mich., Detroit—Swedish Crucible Steel Co., Butler St. and Grand Trunk Ry., having plans prepared by Raseman & Freer, archts., 1302 Penobscot Bldg., for 1 story, 240 x 240 ft., brick and steel factory, rein.-con. flooring, concrete foundation, on Conant Ave.

Industrial Works (Continued)

Mich., River Rouge—H. Ford & Son, River Rouge, having plans prepared by A. Kahn, archt., Marquette Bldg., Detroit, for 2 story, 250 x 1700 ft. and 3 story, 250 x 400 ft. assembling plant, rein.-con. and steel.

Ill., Chicago—G. C. Nimmons & Co., archts., 122 South Michigan Ave., soon lets contract building 4 story, 100 x 120 ft. mill construction addition to factory, concrete foundation, on Ashland Ave. and 30th Sts., for Stein-Hall & Co., 111 West Washington St. About $225,000.

Wis., Kenosha—Arneson Fdry. Co., 319 Exchange St., had plans prepared for 1 story, 70 x 200 ft. foundry. About $30,000. O. Arneson, pres. Private plans.

Wis., Milwaukee—G. A. Dick, archt., 811 State St., soon lets contract building 3 story, 35 x 120 ft., rein.-con. and brick addition to factory, for Janke Shoe Mfg. Co., 762 32nd St. About $25,000. Noted June 19.

Wis., Milwaukee—Van Ryn & De Gelleke, archts., 114 Grand Ave., soon let contract building 1 story, 70 x 250 ft. erecting shop, rein.-con., brick and steel, and 3 story, 70 x 70 ft. office, for Koehring Machine Co., 31st St. and Concordia Ave. About $65,000.

Wis., Port Washington—City having plans prepared by Douglas & Cahill, engrs., 301 Gross Bldg., Milwaukee, building 1 story, 20 x 40 ft. concrete and brick power house addition. About $30,000.

Wis., Sheboygan—H. C. Prange, 731 North 8th St., having plans prepared by W. C. Weeks, archt., 730 Ontario Ave., for 2 story, 80 x 120 ft., brick, rein.-con. and steel garage, rein.-con. flooring, brick foundation, on Wisconsin Ave. About $60,000. Noted May 29.

Wis., Sheboygan—Wald Mfg. Co., 18th St. and Martin Ave., plans to build 3 story, 80 x 115 ft., brick, rein.-con. and steel factory, brick foundation, on Martin Ave. About $30,000. E. Pawsat, pres. Architect not selected.

Minn., Wells—City soon lets contract building power plant, electrical distribution system and concrete reservoir. About $40,000. C. L. Pillsbury Co., Metropolitan Life Bldg., Minneapolis, engrs. Noted June 26.

Neb., Lincoln — Lincoln Paint & Color Co., 811 M St., soon receives bids building 2 story, 50 x 80 ft., brick and rein.-con. paint factory, on 7th and M Sts. About $25,000.

Neb., Lincoln — Nebraska Buick Auto Co., 13th and P Sts., soon receives bids building 5 story, 142 x 150 ft. brick sales building and warehouse, rein.-con. flooring, on 13th and Q Sts. About $250,000. P. V. Hyland, Omaha, archt.

Neb., Omaha—Kimball Laundry Co., 1507 Jackson St., has purchased site and plans to build 7 story, 88 x 132 ft., rein.-con. laundry on 15th and Jones Sts. About $200,000.

Mo., St. Louis—St. Louis Metalware Co., 2507 North Bway, having sketches made for 250 x 450 ft. factory, on Natural Bridge Rd. and Belt St. About $200,000. R. L. Niedringhous, c/o owner, engr. Architect not selected.

Tex., San Antonio—Magnolia Petroleum Co., Bedell Bldg., plans to build 2 story, 80 x 120 ft., rein.-con. and brick warehouse, with garage and storage tanks, rein.-con. flooring, concrete foundation, on West Caroline St. About $175,000.

Ariz., Phoenix—Melczer Wholesale Grocery Co. plans to build 3 story, 137 x 150 ft., rein.-con. building, on 4th Ave. and Jackson St. About $200,000. L. Melczer, pres.

Wash., Kelso—Union Oil Co. of California, Mills Bldg., San Francisco, plans to build oil distributing plant, here. Plans include warehouse, one 20,000 gal. distillate tank, one 20,000 gal. gasolene tank, and one 20,000 gal. coal oil tank, concrete foundations. C. C. Ireland and W. H. Stillman, c/o Union Oil Co., Kelso, representatives.

Wash., Spokane—International Steel Co. purchased 5 acre site along Chicago, Milwaukee & St. Paul R.R. and plans to build steel rolling mill. About $100,000. L. L. Bair, Spokane, pres.

Cal., Berkeley — See "Miscellaneous."

Cal., Lindsay—City voted $85,000 bonds to build gas system. Olmsted & Gillelen, 1112 Hollingsworth Bldg., Los Angeles, engrs.

Cal., Los Angeles—Goodyear Tire & Rubber Co., Market St., Akron, O., purchased 320 acre site in southeastern part of city and plans to build group of buildings for factory. About $4,000,000. Pacific Coast Cotton Mill Co., will be incorporated as subsidiary company, and plans to build cotton mill on same site, to operate in conjunction with tire factory, cost, $1,500,000.

Cal., Tulare—California Co-operative Canneries Co. plans to build cannery About $250,000. Address C. L. Larimer, supt.

Que., Pointe aux Trembles—National Abbatoris Co., Ltd., plans to build 75 x 100 ft. brick plant. About $95,000. Architect not selected.

Ont., London—C. S. Hyman, Richmond St., plans to build tannery. About $300,000. W. F. D. Jarvis, Mgr., Architect not selected.

Ont., Toronto—Baldwins of Swansea, Wales, plans to lease site here, on Ashbridges Bay, and build steel rolling mills. About $3,000,000. Architect not selected.

BIDS DESIRED

Mass., West Warren—Until July 14, by Warren Cotton Mills, building 3 story, 80 x 135 ft. mill addition; 2 story, 130 x 335 ft. card room, and 1 story, 135 x 107 ft. picker house, brick and mill construction, rein.-con. flooring, concrete foundation. About $400,000. Leary & Walker, Purchase St., New Bedford, engrs.

N. Y., Brooklyn—Until July 12, by Zipkes, Wolff & Kudroff, archts. and engrs., 25 West 42nd St., New York City, for 4 story, 100 x 125 ft. brick and steel warehouse, rein.-con. flooring, concrete foundation, on North Portland Ave. About $75,000. Owner's name withheld. Noted June 26.

Pa., Pittsburgh—Wolverine Supply Co., Page and Fontella Sts., North Side, receiving bids building 4 story, 75 x 100 ft. rein.-con. factory, concrete foundation. About $125,000. Hunting-Davis Co., Century Bldg., archts. Noted Apr. 24.

Mich., Detroit—See "Buildings."

Mich., Hamtramck (Detroit P. O.)—See "Buildings."

Ill., Chicago—Until July 15, by Holabird & Roche, archts., 104 South Michigan Ave., building two 2 story, 40 x 84 ft., rein.-con. and brick sub-stations, (1) at 6806 Throop St., and other at 2644 Irving Park Blvd., for Commonwealth Edison Co., 120 West Adams St. About $175,000.

Wis., Sheboygan—Until July 12, by Haack Motor Co., c/o C. Haack, Jr., building 2 story, 43 x 120 ft. brick, rein.-con. and steel garage, rein.-con. flooring, concrete foundation on Indiana Ave. Cost between $50,000 and $60,000. Private plans. Noted June 26.

Wis., Sheboygan—Until July 15, by North Side Garage, 1210 Michigan Ave., building 2 story, 60 x 110 ft. brick and steel garage, rein.-con. flooring, brick foundation, on 13th St. and Michigan Ave. About $60,000. Private plans.

Neb., Omaha—Until July 15, by G. L. Fisher, archt., 1529 City Natl. Bank Bldg., building 6 story, 44 x 133 ft. rein.-con. warehouse on 109-111 South 10th St., for A. Hospe, 1513 Douglas St. About $85,000.

Ont., Owen Sound—Until July 18, by Dominion Oil Co., building 3 story, 38 x 70 ft. steel and brick plant, concrete foundation, on Grand Trunk Ry. About $30,000.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract.)

★**Mass., New Bedford**—Nashawena Mills Corp., Belleville Ave., let contract building 2 story, 155 x 265 ft. weave shed addition; 4 story, 150 x 250 ft. spinning mill, rein.-con., steel and brick, rein.-con. flooring, concrete foundation, to J. W. Bishop Co., 11 Foster St., Worcester. About $450,000. Noted June 12.

★**R. I., Pawtucket**—R. I. Textile Co., Prairie Ave., let contract building 2 story, 60 x 100 ft. brick addition, to O. D. Purrington & Co., 624 Industrial Trust Bldg., Providence. About $30,000.

★**Conn., Burnside** — Case & Marshall, Inc., let contract building 1 story power house, concrete and brick, rein.-con. flooring, concrete foundation, to J. H. Grozier Co., 721 Main St., Hartford. About $25,000, will be done by day labor.

★**Conn., New Haven** — Larkin-Carey Realty Co., 166 Brewery St., will build 2 story, 60 x 165 ft. concrete and steel garage, rein.-con. flooring, concrete foundation. About $40,000. Work will be done by day labor.

★**Conn., Putnam**—Nightingale Morse Mills, Inc., let contract building concrete hydro-electric plant, here, to H. Wales Lines Co., 134 State St., Meriden. About $30,000.

★**Conn., Torrington**—Torrington Co., 59 Field St., let contract building 2 story, 50 x 300 ft., steel and brick addition to plant, concrete foundation, on Laurel St., to Torrington Bldg. Co., 197 Water St. About $50,000.

★**Conn., Waterbury**—E. M. McGrath, 115 Willow St., let contract building 1 story, 70 x 80 ft. garage and 2 story, 32 x 80 ft. showroom, concrete, steel and brick, rein.-con. flooring, concrete foundation, to G. A. Upham, West Main St. About $35,000.

★**N. Y., Brooklyn**—B. & A. Realty Co., 44 Court St., will build 1 story, 50 x 150 ft. brick and steel garage, rein.-con. flooring, concrete foundation, on 31st St. and 3rd Ave. About $30,000. Work will be done by day labor.

★**N. Y., Brooklyn**—Pirika Chocolate Co., 972 Dean St., let contract building 3 story, 78 x 120 ft., rein.-con. and steel factory, rein.-con flooring, concrete foundation, on Dean St. and Carlton Ave., to Turner Constr. Co., 244 Madison Ave., New York City. About $90,000. Noted Apr. 10.

★**N. Y., Brooklyn**—Rockwood & Co., Park and Waverly Aves., let contract building 7 story factory at 37-39 Waverly Ave., to W. L. & G. H. O'Shea, 29 Bway., New York City. About $100,000.

★**N. Y., Long Island City**—Globe Thread Co., Pierce Ave., let contract building 50 x 141 ft. brick and steel factory, rein.-con. flooring, concrete foundation, on Pierce and 7th Aves., to L. Barth & Son, 32 Union Sq., New York City. About $100,000.

★**N. Y., Long Island City**—L. Gold, 44 Court St., Brooklyn, will build 2 story, 75 x 190 ft. brick and steel garage, rein.-con. flooring, concrete foundation, on William St. near North James St. About $110,000. Work will be done by day labor.

★**N. Y., Long Island City**—Pratt & Lambert, 185 Madison Ave., let contract building 2 story, 110 x 200 ft. warehouse and office, with 84 x 119 ft. extension, rein.-con. and steel, rein.-con. flooring, concrete foundation, on Freeman Ave. between 5th and 6th Sts., to Turner Constr. Co., 244 Madison Ave., New York City, cost plus percentage basis.

★**N. Y., Long Island City** — Latham Lithographing & Printing Co., 33 West 42nd St., will build 3 story, 200 x 200 ft., rein.-con., brick and steel factory, rein.-con. flooring, concrete foundation, on Woodside Ave. and Middleburg St. About $150,000. Work will be done by day labor.

★**N. Y., New York**—A. G. Koenig, archt. and engr., 405 Lexington Ave., let contract to Hubener & Escher, 748 Melrose Ave., converting 3 story, 62 x 84 ft. rein.-con. and steel brewery into ice plant, rein.-con. flooring, concrete foundation, on 169th St. and 3rd Ave. for J. Eichler Brewing Co., 3582 3rd Ave. About $37,000. Noted June 19.

★**N. Y., New York**—F. Munnich, 260 East 140th St., will build 1 story, 74 x 100 ft., brick and steel garage, rein.-con. flooring, brick foundation. About $30,000. Work will be done by day labor.

★**N. J., Camden**—Custer & Gill, archts., 304 Market St., let contract building storage warehouse, to A. Raff Co., 1635 West Thompson St., Phila. About $50,000. Owner's name withheld.

★**N. J., Newark**—Patton Paint Co., Chester Ave., let contract building 2 story, 61.6 x 121.6 ft., rein.-con. factory, to C. R. Heddon Co., Prudential Bldg., $63,465. Noted June 5.

★**N. J., Trenton**—J. E. Thropp Sons Co., Lewis St., let contract building 2 story, brick and steel machine shop, to S. W. Mather & Sons, 30 South Clinton Ave. About $65,000.

★**Pa., Johnstown**—Johnstown Tribune let contract building 3 story, 45 x 127 ft. rein.-con. printery, concrete foundation, to H. Shenk, 132 7th St., Pittsburgh. About $100,000.

★**Pa., Phila.**—Abrasive Co., James and Fraley Sts., will build 2 story, 61 x 95 ft., concrete and brick factory on Fraley St., west of James St. About $25,000. Work

Industrial Works (Continued)

★**Pa., Phila.**—Largeman Bros., 129 North 12th St., let contract building 2 story, 45 x 300 ft. rein.-con., steel and brick factory for manufacture of knit goods, on Frankfort Ave. and Ontario St., to Robbins Constr. Co., 1137 North Front St. About $55,000.

★**Pa., Phila.**—Mutual Hosiery Co., Paterson, N. J., let contract building 2 story, 50 x 110 ft. and 43 x 82 ft. brick factory, on Cottman and Tulip Sts., here, to A. Ahlers, 3425 Howell St. About $40,000.

★**Pa., Phila.**—Snyder & Co., 134 North 10th St., let contract building 5 story, 31 x 104 ft., brick, steel and concrete warehouse, at 17-19 North 10th St., to W. R. Graham, 3649 Filbert St. About $50,000. Noted June 12.

★**Pa., Pittsburgh** — Campbell-Niedringhaus Tire Service Co., Baum Blvd., let contract building 2 story, 40 x 112 ft. rein.-con. and brick garage and tire service station, rein.-con. flooring, concrete foundation, to E. A. Wehr, Highland Bldg. About $40,000. Noted June 26.

★**Pa., Pittsburgh**—Dilworth-Porter Co., 4th and Bingham Sts., let contract building 1, 2 and 3 story, 110 x 250 ft. rein.-con., steel and brick machine shop, foundry, forge shop and stores, rein.-con. flooring, concrete foundation, on 6th and Bingham Sts., to McClintoc-Marshall Co., 1217 Oliver Bldg. About $110,000.

★**O., Akron**—White Motor Sales Co., 200 East Market St., let contract building 3 story, 100 x 270 ft., rein.-con., steel and brick garage, salesroom, etc., rein.-con. flooring, on North Union St., to T. E. McShaffrey Constr. Co., 170 South Forge St. About $150,000.

★**O., Cleveland**—Cleveland Bricklayer's Assn., 2416 East 9th St., let contract building 4 story, 40 x 61 ft., concrete, steel and brick garage and dance hall, at 2101 East 21st St., to J. A. Moffett Co., 1836 5309 Prospect Ave. About $300,000.

★**O., Cleveland**—Grabler Mfg. Co., 6565 Bway. Ave., let contract building 4 story, 89 x 110 ft., concrete, steel and brick addition to machine shop, to S. W. Emerson Co., 1800 Euclid Bldg. About $80,000. Noted July 3.

★**O., Cleveland**—H. S. Rivitz Co., 2120 Ontario St., let contract building 3 story, 140 x 180 ft., concrete, steel and brick warehouse, on East 40th St. near New York Central R.R., to Minnick Gibbons Co., 5309 Prospect Ave. About $300,000

★**O., Cleveland**—Templin-Crockett-Bradley Co., 5700 Detroit Ave., let contract building 3 story, 60 x 76 ft., concrete, steel and brick addition to factory, to F. A. Skeel Co., 3719 Cypress Ave. About $50,000. Noted July 3.

★**O., Dayton**—G. W. Shroyer & Co., Main and 2nd Sts., let contract building 1 story, 50 x 200 ft., concrete and brick garage and service station, concrete foundation, on North Main St., to Blanchard Bldg. Co., Chapel Rd. About $60,000. Noted May 1.

★**O., Dayton**—Edwards Specialty Co., 1133 South Brown St., let contract building 2 story, 60 x 125 ft., rein.-con. factory, rein.-con. flooring, concrete foundation, on Main and Bruen Sts., to Frank Hill Smith Co., Inc., East 3rd St. About $50,000. Noted June 19.

★**O., Springfield**—Springfield Spring Co., East Pleasant St., let contract building 1 story, 30 x 273 ft. warehouse and 1 story 30 x 76 ft. machine shop, steel and brick, brick foundation, to Concrete Steel Constr. Co., 415 Mitchell Bldg. About $65,000. Noted June 26.

★**Ill., Chicago**—Pettibone-Mulliken Co., 725 Marquette Bldg., let contract building rein.-con. and steel foundry, rein.-con. flooring, concrete foundation, to Westinghouse, Church, Kerr, 37 Wall St., New York City. About $200,000, cost plus percentage basis.

★**Wis., Carrollville**, (Otjen, P. O.)—H. J. Esser, archt., 82 Wisconsin St., Milwaukee, let contract to Reisen & Sons, 1018 Humboldt Ave., Milwaukee, building 2 story, 67 x 219 ft. and 3 story, 50 x 50 ft. brick, rein.-con. and steel plant, rein.-con. flooring, concrete foundation, for U. S. Fertilizer Co. About $100,000. Noted June 26.

★**Wis., Milwaukee**—Hercules Rack Co., 1566 26th St., let contract building 2 story, 22 x 30 ft. brick, tile and concrete factory and three 30 x 48 ft. garages, to J. T. George, 3806 Lisbon Ave. About $35,000.

★**Wis., Milwaukee**—H. W. Voelz, archt., 86 Michigan St., let contract building 2 story, 36 x 78 ft. rein.-con. and brick factory, rein.-con. flooring, on 22nd and National Aves., to J. L. Stanage, 144 Oneida St. About $25,000. Owner's name withheld.

★**Wis., West Allis**—Motor Castings Co., 56th St., let contract building 1 story, 110 x 160 ft. brick and steel foundry, to Reisen Bros., 425 East Water St., Milwaukee. About $40,000.

★**Neb., Omaha**—Corey & McKenzie Printing Co., 1407 Harney St., and Baker Bros. Engraving Co., 1216 Howard St., let contract building 5 story, 44 x 132 ft., rein.-con. and brick printing and engraving building, brick foundation, rein.-con. flooring, on 12th and Harney St., to Home Bldrs., Brandeis Theatre Bldg. About $96,000; cost plus basis.

★**Neb., Omaha**—Omaha Structural Steel Wks. plans to build 1 story, 80 x 119 ft. foundry building, cost $20,000; also 41 x 278 ft. machine shop, $25,000, on 48th and Leavenworth Sts., both brick and steel. Work will be done by day labor.

★**Utah, Mt. Pleasant**—S. W. Hinckley Auto Co. let contract building 2 story, 60 x 200 ft., brick garage here, to H. G. McKean, 440 South 13th St., Salt Lake City, $50,148.

★**Wash., Kennewick**—Church Mfg. Co. let contract remodeling old structure and building 3 story, 52 x 80 ft. factory, hollow tile, concrete walls, rein.-con. flooring covering 14,000 sq.ft., to Meyers & Tellander, Hutton Bldg., Spokane. About $60,000.

★**Wash., Seattle**—West Coast Rubber Co., 4060 Occidental Ave., let contract building 1 story, 112 x 153 ft. factory, masonry construction, rein.-con. flooring, on 7th and Mercer Sts., to J. W. Johnson, 171 McGraw St. About $26,000.

★**Cal., Los Angeles**—Keyste Iron & Steel Wks., 973 North Main St., let contract building 1st unit of new plant, to be 2 story, 76 x 100 ft., brick and rein.-con. pattern shop and office on Santa Fe Ave. and 37th St., to Pozzo Constr. Co., 421 Macy St., $31,000. Noted Jan. 2.

★**Cal., Los Angeles**—Wilshire Fireproof Storage Co., 1724 Cahuenga Ave., let contract building 7 story, 70 x 130 ft., rein.-con. storage building, rein.-con. flooring, concrete foundation, on 3rd St. and Western Ave., to F. L. Meline, 6779 Hollywood Blvd. About $150,000.

★**Que., Montreal**—T. Davidson Mfg. Co., 187 Delisle St., let contract building 75 x 100 ft. brick and steel factory, to A. F. Byers Co., 340 University St. About $75,000.

★**Ont., Elmira** — Great West Felt Co., Arthur St., let contract building addition to factory to W. Hallman, 51 Blenheim St., Galt. About $25,000.

★**Ont., Windsor**—Champion Spark Plug 14-16 Sandwich St. W., let contract building rein.-con., steel and brick factory, rein.-con. flooring, concrete foundation, to J. V. Gray Constr. Co., Confederation Life Bldg., Toronto. About $60,000. Noted May 1.

Buildings

PROPOSED WORK

Mass., Palmer—School—Town appropriated $51,000 to build 2 story school at Three Rivers.

Mass., Turners Falls — School — Town plans to build 2 story school. About $50,000. Architect not selected.

Mass., Turners Falls—Theatre—D. J. Shea, Avenue A, plans to build 2 story brick and steel theatre. About $60,000. Private plans.

Conn., Bridgeport—Business—E. H. Dillon, 1111 Main St., plans to build 10 story, 52 x 80 ft. business building. Architect not selected.

Conn., Bridgeport—Office—Hincks Bros. & Co., 207 State St., soon receives bids building 1 and 3 story, 38 x 120 ft., brick and terra cotta, rein.-con. flooring, concrete foundation, on Main St. About $60,000. Private plans.

Conn., Bridgeport—Parish Hall—Olivet Congregational Church, 2140 Main St., having plans prepared building 2 story parish house on Main St., brick, concrete and steel. About $50,000. W. J. Skinner, 1188 Main St., archt. Noted Apr. 10.

Conn., Middletown—School—City having plans prepared building 2 story concrete, steel and brick addition to Johnson School on Greene St., rein.-con. flooring, concrete foundation. About $75,000. Brown & Von Beren, 185 Church St., New Haven, archts. Noted July 3.

Conn., Thompsonville — High School — Town of Enfield plans to build new fireproof high school, here. About $150,000. Address H. R. Cooper, Thompsonville. Architect not selected.

Conn., Waterbury—Office—Scovill Mfg. Co., 99 Mill St., plans to build office building and garage on Cole, Baldwin and Mill Sts. About $125,000. Private plans.

Conn., Waterbury—School—St. Margaret's School, Rose Hill, having plans prepared building 3 story school, rein.-con., steel and brick addition, rein.-con. flooring, concrete foundation, on Grove and Cook Sts., About $100,000. Murphy & Dana, 311 Madison Ave., New York City, archts. Noted June 19.

N. Y., Brooklyn—College—Adelphi College, Clifton St. and St. James Pl., having preliminary plans prepared by McKimm, Mead & White, archts., 101 Park Ave., New York City, for 4 story brick and steel, brick foundation, on Washington Ave. About $800,000.

N. Y., New York—Loft—Ballinger & Perrott, archts. and engrs., 47 West 34th St., soon let contract building 9 story brick, steel and rein.-con. addition, concrete foundation, on Spring and Varick Sts., for Butterick Publishing Co. About $1,200,000.

N. Y., New York—Store and Office—Krim Realty Co., 426 West 14th St., having plans prepared by M. Schwartz, archt., 309 Bway., for 3 story, 25 x 100 ft. brick and steel, brick foundation, at 143 West 33rd St. About $100,000. M. Krim, pres.

N. Y., New York—Store and Loft—St. Regis Lunch Co., c/o A. Levingson, archt. and engr., 405 Lexington Ave., having plans prepared for 3 story, 60 x 100 ft. brick, steel and stone, brick foundation, at 42-46 West 33rd St. About $80,000.

N. J., Trenton—School—Bd. Educ., 9 South Stockton St., plans to build 3 story brick and stone additon to Jefferson School on Brunswick Ave. About $196,000. W. A. Poland, 1 Woodside Ave., archt.

Pa., Blairsville—Hospital, etc.—Western State Hospital for Insane, Altoona, having plans prepared by F. McC. Crooks, archt., 530 4th Ave., Pittsburgh, for hospital and group institutional buildings, near here. Noted incorrectly May 22.

Pa., Eddystone—School—A. Reid, secy. bd. educ., soon lets contract building 2 story, 70 x 80 ft. concrete and brick addition. Cost between $60,000 and $70,000. Ritter & Shay, North American Bldg., Phila., archts.

Pa., Johnstown — Lodge — Johnstown Lodge No. 48, Loyal Order of Moose, purchased 50 x 175 ft. site on Bedford St. and plans to build 4 story, brick and stone. C. A. McKeown, trustee. Architect not selected.

Pa., Reading—Theatre—Carr & Schad having plans prepared by W. H. Lee, archt., 32 South 17th St., Phila., building 1 story, 113 x 200 ft., concrete, steel and brick, on 9th and Spring Sts., here. About $80,000. Address owner in care of archt.

Md., Baltimore—Church—Luther Memorial Lutheran congregation plans to build 1 and 2 story, 75 x 150 ft., stone and brick, rock foundation, on Guilford Terrace and University P'kway. About $100,000. L. L. Sieber, 345 Ilchester Ave., pastor. J. Freund, 11 East Lexington St., archt.

Md., Baltimore—Dormitory and Swimming Pool—St. Mary's Industrial School, Wilkens Ave., plans to build 4 story, 63 x 131 ft., rein.-con. and brick dormitory, stone and concrete foundation, and 30 x 75 ft. concrete swimming pool. About $200,000. H. I. Kavanaugh, 913 North Charles St., archt.

Md., Baltimore—Memorial Dormitory—Johns Hopkins University Alumni Assn. raising $300,000 fund to build memorial dormitory on university grounds at Homewood. G. L. Radcliffe, Fidelity Bldg., chn. executive comn.

Va., Bedford—Church, Sunday School and Rectory—St. John's Episcopal congregation plans to build 60 x 100 ft. church, and 60 x 110 ft. Sunday school and rectory; native stone, limestone trim. Craighill & Cardwell, 517 People's Bank Bldg., Lynchburg, archts.

Buildings (Continued)

Va., Norfolk—Church—St. Andrew's Congregation plans to build 1 story church. About $50,000. Peebles & Ferguson, Law Bldg., archts.

Va., Richmond—Bank—Planters Natl. Bank, 12th St., plans to build 1 story, brick and stone, concrete foundation, on East Main St. About $200,000. Carneal & Johnston, 707 Chamber of Commerce Bldg., archt.

Va., Richmond — Hospital — Johnston-Willis Hospital, 6th and Franklin Sts., plans to build 6 story, on Boulevard and Kensington Sts. About $200,000. Architect not selected.

Va., Richmond — Nurses Home — Johnston-Willis Hospital, 6th and Grace Sts., plans to build 4 story, on Kensington Ave. About $80,000. Architect not selected.

Va., Richmond—Sunday School—Union Theological Seminary, Ginter Park, plans to build 2 story, 60 x 160 ft., brick. About $50,000. Baskerville & Lambert, Travelers Bldg., archts.

Va., Williamsburg — School — Bd. Educ. plans to build school. About $50,000. H. V. Vaden, supt. Carneal & Johnston, 707 Chamber of Commerce Bldg., Richmond, archts.

W. Va., Huntington—School—State Bd. Control, Charleston, rejected bids received July 2, constructing 2 story, 86 x 156 ft., brick, rein.-con. and steel Physical Education Building at Marshall College. About $106,000. Noted May 29.

N. C., Reynolds—School—P. J. Reynolds plans to build 1 story, 63 x 300 ft., brick, to be known as P. J. Reynolds Memorial School. About $50,000. C. B. Keen, 1218 Chestnut St., Phila., archt.

Fla., Jacksonville — School—Duval Co. voted $325,000 bonds, $150,000 of which will be used to build new school, and erect addition to others.

Fla., Tampa—Hotel—L. B. Skinner, pres. Hillsboro Hotel Co., plans to build 9 story, 70 x 110 ft addition to hotel facing on Madison St.

O., Bellefontaine—School—R. G. Gotwald, archt., 54 Gotwald Bldg., Springfield, soon receives bids building 3 story, rein.-con. and brick, concrete foundation, for Bd. Educ. About $100,000.

O., Cleveland — Office — Lakewood Eng. Co., West 117th St. and Berea Rd., having plans prepared by Walker & Weeks, archts., 1900 Euclid Bldg., for 1 story, 87 x 150 ft., concrete, steel and brick, on West 117th St. About $75,000.

O., Dayton—Church—Grafton Reformed congregation plans to build 1 story, 60 x 110 ft., stone, on Grafton Ave. About $50,000. Architect not selected.

O., Dayton — Church — St. Andrews Episcopal congregation, Buckeye and Pulaski Sts., plans to build stone church. About $50,000. Architect not selected.

O., Middletown — Bank and Store — First Natl. Bank, 3rd and Main Sts., plans to build 3 to 5 story, 70 x 110 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation. About $200,000. Architect not selected.

O., Springfield—Bank and Store—Farmer's Natl. Bank, 9 South Limestone St., having plans prepared by Frank Hill Smith Co., Inc., archts., East 3rd St., Dayton, for 5 story, 85 x 100 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation, on High and Limestone Sts. About $200,000.

O., Springfield — Hospital — Clark Co. Memorial Com. plans to build memorial hospital, here. About $500,000. C. F. McGilvray, Lagonda Ave. and Farlow St., chn.

O., West Park—Schools—Bd. Educ. plans to build 2 story, 26 x 48 ft., on Settlement Rd., cost $50,000; 2 story, 36 x 80 ft., on Longmead Ave., $50,000; 2 story, 90 x 90 ft., on Riverside Ave., $60,000, all concrete, steel and brick. Architect not selected.

O., Youngstown—Bank—First Natl. Dollar Bank plans to build 2 story, 45 x 200 ft. addition at Central Sq. to cost $150,000, or 16 story, $1,000,000.

Ind., Decatur — Sanitorium — City plans to build tuberculosis sanitorium. About $100,000

WATER MAINS—DEARBORN, MICH.

Bids were received by city for furnishing and laying water mains from (A) Monie-Dunbar Contg. Co., 901 Chemical Bldg., St. Louis, Mo. (awarded contract); (B) T. C. Brooks & Son, Detroit; (C) Agrios & Harrop, 623 J. M. S. Bldg., South Bend, Ind. The unit bids were as follows:

	A	B	C
27,600 ft. 6-in. pipe	$1 32	$1 38	$1 74
7,100 ft. 8-in. pipe	1 97	1 92	2 35
7,150 ft. 10-in. pipe	2 25	2 49	2 90
123 6-in. valves	23 20	23 00	30 00
13 8-in. valves	33 35	34 00	40 00
19 10-in. valves	50 00	52 00	60 00
155 valve boxes	7 00	7 00	6 70
65 hydrants	68 25	68 00	73 00
Extended totals	$76,265	$79,288	$96,578

HIGHWAY—CALIFORNIA

Bids were received by State Highway Commission (lowest 3), Forum Bldg., Sacramento, for constructing highway in Monterey Co., Div. 5, Route 2, Sect. 7, from (A) Healey-Tibbitts Constr. Co., 9 Main St.; (B) Clinton Constr. Co. of California, 357 Pine St.; (C) Cahill-Vensano Co., 110 South St.; contractors all of San Francisco. The unit bids were as follows:

	A	B	C
14 steel spans	$8,059 60	$7,966 00	
56 cast iron drains	5 00	6 40	$7 00
536 cu.yd. Portland cement concrete, class "A" (piers above elevation 277.92)	15 00	19.15	14 30
790 cu.yd. Portland cement concrete, class "A" (pier footings), below elevation 277.92 and above elevation 256.00	20 00	63 23	59 30
762 cu.yd. Portland cement concrete, class "A" floor on steel spans	15 00	12 60	16.90
1,324 cu.yd. Portland cement concrete, class "A" trestle approach-1, reinforced concrete piles	20 00	18 40	18 65
6,560 lin.ft. making and driving wooden piles	3 50	1 18	1 75
3,375 lin.ft. per footings, double pile	1 50	72	1 25
2,200 lin.ft. continuous dikes	10 00	5 80	7 40
760 lin.ft. cross dikes	4 25	3 22	4 50
6,200 sq.yd. asphalt surface	1 00	1 60	1 00
Extended totals	$234,317	$241,359	$242,872

Mich., Bellevue—School—City plans to build 2 story school. Bonds for $100,000 voted for project. Billingham & Cobb, Kalamazoo, archts.

Mich., Detroit—Hotel—Henry Clay Hotel plans to build 14 story, concrete, brick and steel on John R and Center Sts., containing 350 rooms. F. E. Ellsworth, proprietor. Architect not selected.

Mich., Pontiac—Office—Comrs. Oakland Co. having plans prepared by J. E. Mills & Son, archts., 1305 Kresge Bldg., Detroit, for 3 story, rein.-con., brick and steel addition to county office building.

Ill., Marion — High School — City voted $60,000 bonds to build addition to high school.

Wis., Milwaukee — Office — See "Industrial Works."

Wis., Neenah—Temple—Masonic Lodge, 145 West Wisconsin Ave., having plans prepared by R. A. Messmer & Bros., archts., 221 Grand Ave., Milwaukee, for 3 story, 60 x 120 ft., brick, terra cotta and stone. About $60,000. E. J. Lackmann, Water St., chn. Noted June 19.

Wis., Viroqua—Hospital — City having plans prepared by Parkinson & Dockendorf, archts., Linker Bldg., La Crosse, for 2 story, 40 x 38 ft. About $50,000.

Wis., Wauwatosa — Church — Herbst & Kuenzli, archts., 114 Grand Ave., Milwaukee, soon let contract building 1 story, 108 x 160 ft. brick, concrete and stone, here, for First Congregational Church. About $50,000.

Kan., Ellsworth—Asylum—Ellsworth Co. plans to build 2 story, rein.-con., steel and brick, rein.-con. flooring, concrete foundation. About $75,000. Mann & Gerow, Hutchinson, archts.

Kan., Lorraine—School—Bd. Educ. plans to build 2 story, 68 x 87 ft., rein.-con. and brick, concrete foundation. About $50,000. S. S. Voight, 410 Barnes Bldg., Wichita, archt.

Kan., Stockton—Court House—Rooks Co. plans to build 3 story, 80 x 100 ft., rein.-con., steel and brick, rein.-con. flooring, concrete foundation. About $200,000. F. C. Squires, 628 Kansas Ave., Topeka, archt.

Neb., Lincoln — Sanitorium — Bailey Sanitarium plans to build 2 story, 40 x 108 ft., brick, on Normal Blvd. About $65,000. Fiske & Meginnis, 533 Bankers Life Bldg., archts.

Neb., McCook—Hotel—Company has been organized here to build hotel to be known as "The Keystone." About $150,000. P. Walsh, chn. bd. dirs.

Neb., Omaha—Bank, Stores and Offices—M. F. Shafer, pres. Amer. Bank Bldg. Co., 18th and Farnam Sts., having preliminary plans prepared by J. & A. McDonald, archts., 908-12 Omaha Natl. Bank Bldg., building 20 story, 90 x 133 ft., steel and brick, on 19th and Farnam Sts. About $1,250,000.

Wyo., Sheridan—School—School Dist. No. 7, receives bids in August building 2 story, brick. About $100,000; $50,000 bonds having been voted toward same and remainder to be raised from sale of present school. C. S. Mills, chn.

Mont., Forsyth—Hospital—Rosebud Co. election Sept. 2 to vote on $70,000 bonds to build hospital. McIver, Cohagen & Marshall, 407 Electric Bldg., Billings, archts.

Mont., Sidney—Courthouse—Richland Co. election Sept. 2 to vote on $50,000 bonds to build courthouse. L. Linker, clk. Architect not selected.

Mo., Rockport—Memorial—Atchison Co. having plans prepared by J. A. Hogg, archt., 947 New York Life Bldg., Kansas City, Mo., for brick and concrete, here. Cost between $45,000 and $50,000. G. W. Boettner, chn. bldg. com.

Mo., St. Louis—Cathedral—Scottish Rite Cathedral Assn., 7 Westmoreland Pl., having plans prepared by W. B. Ittner, archt., Bd. Educ. Bldg., for 150 x 200 ft., on Lindell St. near Grand Ave. About $1,000,000. A. G. Cochran, pres.

Mo., University City—(St. Louis P. O.)—Schools—Bd. Educ. plans to build two (10 room) grade schools and addition to high school. Bonds for $290,000 voted for project. L. T. Ward, 8 Princeton Pl., pres.

Tex., Dallas—Memorial—Southern Methodist University plans to build memorial hall. About $400,000. J. E. Cockrell, pres. bd. trustees.

Tex., Eastland—Bank First Natl. Bank plans to build 5 story, rein.-con. and brick, concrete foundation, on Lamore and West Sts. About $250,000. Lang & Witchell, Southwestern Life Bldg., Dallas, archts.

Tex., Ranger—Hotel—M. Gohlson plans to build 5 story, 85 x 140 ft., rein.-con. and brick. Beshgetoorian & Cobell, Ranger, archts. About $200,000.

Tex., San Antonio — Market — City election July 26 to vote on $200,000 bonds to build market house. H. Helland, city engr.

Buildings (Continued)

Tex., San Antonio — Auditorium — City election July 26 to vote on $500,000 bonds to build auditorium. H. Helland, city engr.

Okla., Jenks — High School — City voted $75,000 bonds to build high school. Architect not selected.

Okla., Tulsa—Store—C. A. and J. D. Mayo, 5th and Main Sts., plan to build 5 story, 63 x 140 ft. concrete and steel, at 424 South Boulder St. About $150,000. Engineer and architect not selected.

Utah, Panguitch — Hotel — L. B. Church soon lets contract building 3 story, 60 x 75 ft., brick, on Main St. About $60,000. Cannon & Fetzes, Templeton Bldg., Salt Lake City, archts. and engrs.

Cal., Arcadia—School—City voted $50,000 bonds to build school. Address F. W. Treen, trustee. Architect not selected.

Cal., Long Beach—Hotel—Virginia Hotel Co. having plans prepared by J. C. Austin, archt., 1121 Baker-Detwiler Bldg., Los Angeles, for 200 room rein.-con. addition. About $200,000.

Cal., Martinez—High School—Trustees Alhambra Union High School Dist. election July 15, to vote on $125,000 bonds to build high school.

Cal., Modesto—Lodge and Theatre—Lodge of Elks plans to build lodge and theatre. About $175,000. Adress C. H. Bertram, chn. bldg. com. Architect not selected.

Cal., Modesto—Store, Office and Lodge—Moose Lodge having plans prepared by A. Mazurette, archt., Home Realty Bldg., for 5 story, rein.-con., at 11th and I Sts. About $250,000.

Cal., San Bernardino—City voted $250,000 bonds to build three 10 room, one 8 room and two 6 room schools. W. C. Seccombe, pres. bd. educ. Noted June 12.

Que., Bristol—Church—A. McLeod, archt., Bristol, soon lets contract building 50 x 66 ft. brick and steel, concrete foundation, on Main St., for Presbyterian congregation. About $50,000.

Que., Montreal—Market—City receives bids in fall, building 2 story, 60 x 210 ft. steel and brick, concrete foundation, on St. James St. About $130,000. A. E. Soucet, City Hall, engr.

Que., Quebec—Bank—E. Tanguay, archt., D'Aiguillon St., soon receives bids building 10 story, rein.-con. steel and brick, on St. Peters St., for Natl. Bank, St. Peter St. About $200,000.

Que., Quebec—Seminary—J. S. Bergeron, archt., St. John St., soon receives bids building 4 story, rein.-con., steel and brick, rein.-con flooring, concrete foundation, on St. Famille St., for Quebec Seminary. About $300,000.

Ont., Niagara Falls—Collegiate Institute—Bd. Educ. having plans prepared by C. M. Borler, archt., Main St., for 3 story, concrete and brick, concrete foundation. About $90,000.

Ont., Port Arthur—School—H. E. Owen and W. Hood, C. P. R. Telegraph Bldg., soon let contract building 2 story, concrete, steel and brick for School Bd. About $80,000.

Ont., Windsor — School — United School Bds. of Ford, Walkerville, Sandwich and Windsor plan to build 3 story brick. About $200,000. Address A. Gairn, Collegiate Institute, Windsor.

Sask., Yorkton — School — Rutherian School Bd. having plans prepared by Storey & Van Egmond, archts., Regina, for 3 story, 60 x 100 ft., concrete and brick. About $100,000.

B. C., Oak Bay—School—School Bd. soon lets contract building 3 story, brick and mill construction school. About $70,000. C. E. Watkins, Victoria, archt.

BIDS DESIRED

Mass., New Bedford—Hotel—Until Aug. 15, by Clinton & Russell, archts., 32 Nassau St., New York City, building 200 room hotel, for New Bedford Hotel Co., Pleasant St. About $1,000,000. Noted June 26.

Conn., New Britain—Business—C. C. Palmer, 272 Main St., receiving bids building 3 story, 65 x 110 ft., brick and steel, concrete foundation, on Church St., for George C. Rogers, Fairview St. About $50,000

Conn., New Haven—Business—Until July 15, by Brown & Von Beren, archts., 185 Church St., building 4 story, rein.-con., rein.-con. flooring, concrete foundation, on Chapel St., for Besse, Ritchey & Co., 784 Chapel St. About $50,000. Noted May 1.

N. C., Wilson—Business—Until July 15, (change of date), by Benton & Benton, archts., Wilson, building 3 story, 115 x 130 ft., brick, on Barnes and Lodge Sts., for B. Harrell Co., Wilson. About $50,000. Noted June 26.

S. C., Rock Hill—College—Until July 23, by Winthrop College Bldg. Com., constructing 3 story, 100 x 225 ft., students building on campus. About $80,000. D. B. Johnson, chn. Edwards, Sayward & Leitner, 709 Chamber of Commerce Bldg., Atlanta, Ga., archts.

Ind., Oaklandon—Hospital—Until July 16, by Comrs. Marion Co., building tuberculosis hospital here.

Mich., Detroit—Church and Rectory—L. Kamper, assoc. archt., 752 Book Bldg., receiving bids for 1 story, 112 x 220 ft. church, 3 story, 56 x 58 ft. rectory and 36 x 38 ft. garage, concrete, brick and steel for St. Hyacinth congregation, McDougall and Frederick Aves. About $250,000. S. I. Kilkiewicz, 888 Frederick Ave., pastor. E. Brielmaier & Sons, 432 B'way, Milwaukee, Wis., archts. Noted Jan. 16.

Mich., Detroit—Hospital—Until July 22, by J. McNamara, pres. pub. welfare comn., City Service Bldg., for 4 story, 50 x 87 x 216 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on St. Antoine and Macomb Sts. About $429,000. J. Scott & Co., 2326 Dime Bank Bldg., arcnts.

Mich., Detroit—Schoo Until July 15, by C. A. Gadd, business mgr. bd. educ., 50 B'way., building 2 story, 125 x 130 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Georgia and Crane Aves., to be known as "Holmes" School. Also for fireproof stairways to replace present wooden stairs in Bennet, Houghton, Maybury, Doty, Greusel, Ives and Crossman Schools. Malcolmson & Higginbotham, 404 Moffat Bldg., archts.

Mich., Hamtramck (Detroit P. O.)—School—Until July 15, by C. A. Gadd, business mgr. bd. educ., 50 B'way., Detroit, building 2 story, 104 x 127 ft. school and 1 story, 42 x 42 ft. boiler room, rein.-con., brick and steel, rein.-con. flooring, concrete foundation, on Carpenter and McDougall Aves. Malmolmson & Higginbotham, 404 Moffat Bldg., Detroit, archts.

Mich., Wahjamega—Hospital—Until July 16, by E. R. Dunlop, archt., 709 Hammond Bldg., Detroit, building 1 story, 43 x 265 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, for Michigan Colony for Epileptics here.

Minn., Centerville—School—Until July 16, by Bd. Educ., building 2 story, 50 x 62 ft., concrete, brick and tile. About $50,000. Magney & Tusler, Bldr's Exch., Minneapolis, archts. and engrs. Noted Apr. 17.

Minn., Duluth—Until Aug. 1, by German & Jenssen, archts. and engrs., Exch. Bldg., constructing 3 story, 80 x 135 ft., rein.-con. and brick building, rein.-con flooring, concrete foundation, on North Central Ave., for Y. M. C. A. About $100,000.

Minn., Hastings—Asylum—Until July 14, (change of date) by State Bd. Control, Capitol, St. Paul, building rein.-con. and brick power plant at State Asylum for Insane. About $150,000. C. L. Pillsbury Co., 813 Metropolitan Life Bldg., Minneapolis, engrs. Noted June 19.

Minn., Rochester—Hotel—Kahler-Roberts Corp., Rochester, receiving bids for 8 story, 50 x 140 ft., rein.-con. About $1,000,000. F. M. Ellerbe, 692 Endicott Bldg., St. Paul, archt. Noted Jan. 16.

Minn., St. Paul—Theatre—Amer. Theatre Co., 491 Bidwell St., receiving bids for 42 x 50 x 120 ft., rein.-con., brick and steel addition, brick foundation, at 1077 Payne Ave. About $55,000. G. A. Blewett, 646 Endicott Bldg., archt.

Kan., Junction City — Hospital — Until July 15, by city, building 2 story, rein-con., steel and brick, rein.-con. flooring. About $55,000. J. E. Weist, clk. W. E. Hulse & Co., Hutchinson, archts.

Kan., Wellington — Auditorium — Until July 21 (change of date), by city, building 2 story, 120 x 190 ft., rein.-con. and brick, rein.-con. flooring, concrete foundation. C. Boller & Bro., 508 Ridge Bldg., Kansas City, Mo., archts. Noted June 26.

Neb., Lincoln—School—Until July 31, by J. G. Ludlam, secy. school bd., 15th and N Sts., building 2 story, 73 x 138 ft., brick and rein.-con., rein.-con. flooring and foundation, on 33rd and Vine Sts. About $80,000. Fisk & Meginnis, Bankers Life Bldg., archts.

Neb., Omaha — Hospital — Until Aug 15, by J. Latsner & Sons, archts., 632 Bee Bldg., building 6 story, 108 x 108 ft., rein.-con., brick facing, on 26th St. and Dewey Ave., for Dr. E. C. Henry, 14th St. and Capitol Ave. About $250,00.

Neb., Omaha—Police Station and Jail—Until July 29, by City Council, building 3 story, 86 x 132 ft. rein.-con. and brick. About $200,000. G. L. Fisher, 1529 City Natl. Bldg., archt. Noted Apr. 17.

Wyo., Casper—High School—Until Aug 15, by Natrona Co., building 3 story vocational high school. About $120,000. M Hamilton, secy. school bd. Dubois & Goodrich, Casper, archts. Noted May 15.

Mont., Harlowton—School—Until July 15, by School Dist. No. 16, Wheatland Co., building school. J. C. Teague, Harlowton, archt. Noted May 22.

Mont., Helena—Laboratory—Until July 15, by State Bd. Examiners, building laboratory. Haire & Link, Power Bldg., archts. Noted Mar. 20.

Utah., Murray — School — Until July 28, by School Bd. of Granite School Dist., 3212 South State St., Salt Lake City, building 2 story, brick addition to Whittier School here. About $60,000.

Utah, Salt Lake City — High School — Until July 20, by School Bd., building brick high school on 33rd St., S. About $150,000. Cannon & Fetzer, Templeton Bldg., engrs. and archts.

Utah, Salt Lake City—Hospital—Until July 25, by Comrs. Salt Lake Co., building 3 story, 200 x 200 ft., brick, on South State St. About $200,000. Pope & Burton, Newhouse Bldg., engr. and archts.

N. S., Halifax—Office, Recreation, Canteens, etc.—Until July 14, by S. P. Dumaresq., archt., Halifax, building 4 story, 60 x 110 ft., rein.-con. and steel, rein.-con. flooring, on South and Barrington Sts. for Navy League of Canada. About $125,000.

Que., Cap de la Madeleine—Academy—Until July 28, by J. Caron, archt., 69 St Francis Xavier St., Three Rivers, building 4 story, 66 x 100 ft., concrete, steel and brick, concrete foundation, for Catholic School Bd. About $70,000. Noted June 5.

Que., Montreal—Church—Until July 28, by Vandal & Gascon, archts., 502 St. Catharine St., E., building 60 x 100 ft. stone, brick and steel, concrete foundation, for Church of Holy Redeemer, Park St. About $250,000.

Que., Shawinigan Falls — Exchange — Until July 28, by Bell Telephone Co., 118 Notre Dame St. W., Montreal, building 3 story, 40 x 50 ft. concrete, brick and steel, concrete foundation. About $50,000. W. J. Carmichael, 29 Hospital St., Montreal, archt.

Que., Ste. Anne des Monts—Church—Until July 15, by J. B. A. Rioux, curate, Parish Congregation, building 1 story, rein.-con. and steel. About $100,000. T. Raymond, 45 Caron St., Quebec, archt.

Ont., Saulte Ste. Marie—Court House—Until July 12, by C. F. Findlay, archt., Sault Ste Marie, building 2 story, stone, brick and concrete, for Provincial Government, Toronto. About $200,000. Noted Jan. 9.

Ont., Toronto—Banks—Until July 12, by Darling & Pearson, archts., 2 Leader Lane, building two 3 story, concrete, steel and brick, rein.-con. flooring, concrete foundation, for Dominion Bank of Canada, King and Yonge Sts. About $100,000. Noted June 26.

Ont., Woodstock—Exchange—Until July 28, by Bell Telephone Co., 118 Notre Dame St., N., Montreal, Que., building 3 story, 40 x 50 ft., concrete, steel and brick, concrete foundation. About $50,000. W. J. Carmichael, 29 Hospital St., Montreal, Que., archt.

Buildings (Continued)

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★**Mass., Boston**—Office—Henderson, Robinson & Ross, Brookline, let contract building 6 story, 50 x 65 ft. brick and concrete, concrete foundation, at 148 State St., here, to J. J. Prindeville, Framingham. About $300,000.

★**Mass., New Bedford**—Bank—New Bedford Textile Trust Co., let contract building rein.-con., steel and brick, on Pleasant St., rein.-con. flooring, concrete foundation, to E. A. Abbott Co., 3 Park St., Boston. About $100,000.

★**Mass., Waltham** (Boston P. O.)—School—City let contract building concrete and brick school, to J. P. Keating Co., Westboro, Mass. About $197,900. Noted June 19.

★**R. I., Central Falls** (Pawtucket P. O.)—Convent—Sisters of Notre Dame, Broad St., let contract building convent, to J. B. Morin Co., 125 Hunt St. About $50,000. Noted June 5.

★**R. I., Providence**—Brown & Sharpe Mfg. Co., Promenade, let contract building 6 story, 64 x 99 ft. and 3 story 64 x 75 ft., rein.-con.. additions to factory, rein.-con. flooring, concrete foundation, to W. H. Hamlyn & Son, Inc., 35 Greenwich St. About $125,000.

★**Conn., New Britain**—Church—All Saints congregation let contract building 1 story, 60 x 111 ft., brick, concrete foundation, on Wilcox and West Sts., to J. Wooley, 756 Main St., Hartford. About $50,000. Noted May 15.

★**Conn., New Haven** — Business — E. Malley Estate, 902 Chapel St., let contract building 2 story, 70 x 75 ft., concrete and brick, rein.-con. flooring, concrete foundation, on Temple St., to Larkin-Carey Realty Co., 166 Brewery St.

★**Conn., New Haven** — Business — N. Miller, 135 Temple St., let contract building 2 story, 55 x 150 ft., brick and concrete, rein.-con. flooring, concrete foundation, to F. H. Dusinberri, Port Washington, N. Y., about $50,000.

Conn., New Haven — Hospital — Grace Hospital Assn., 1418 Chapel St., received only bid building 5 story, 100 x 140 ft., brick and steel and rein.-con., rein.-con. flooring and concrete foundation, on Orchard St., from Dwight Bldg. Co., 24 Center St. About $300,000. C. S. Palmer, 191 Church St., archt.

★**Conn., Storrs**—Hall—Connecticut Agricultural College let contract building 1 story dining hall on campus, concrete and brick, rein.-con. flooring, concrete foundation, to H. Wales Lines Co., 134 State St., Meriden. About $60,000. Noted Apr. 24.

★**N. Y., Brooklyn**—Theatre—Long Island Amusement Co., Garden Theatre, Jamaica, will build 130 x 145 ft., brick and steel, brick foundation, on Fulton St., near Church St. About $400,000. Work will be done by day labor.

N. Y., Middletown—Hospital—State Hospital Comn., Albany, received lowest 3 bids July 1, building 40 x 320 ft. hospital with 3 wings, concrete foundation, for State Hospital, here, general contract, from A. E. Stephens Co., 318 Main St., Springfield, Mass., $283,333, M. Kantrowitz, 204 Market St., Albany, $295,400, P. Keeler Bldg. Co., 425 Orange St., Albany, $312,100; heating, from C. H. Darmstadt, 352 West 43rd St., New York City, $38,992, J. C. Williams, Inc., 233 Bway., New York City, $40,972, Adams, Britz & Co., 1761 Park Ave., New York City, $42,157; sanitary work, from C. H. Darmstadt, 352 West 43rd St., New York City, $32,392, Kenny Moran Co., 33 Old Bway., New York City, $32,530, E. Joy Co., 133 Market St., Syracuse, $39,350. Noted June 12.

★**N. Y., New York**—Theatre, Store and Office—C. Hensle Realty Co., 3879 10th Ave., will build 2 story, brick and steel, brick foundation, on Dykman St. between Nagle and Post Aves. About $300,000. Work will be done by day labor.

★**N. Y., Ossining**—Hall, etc.—C. F. Rattigan, supt. state prisons, Hall Records Bldg., New York City, let contract building mess hall and kitchen, No. 4, detention No. 5, outside cell No. 7, clinic No. 8, pumphouse, reservoir, also sanitary heating and electric work on same, to P. J. Carlin, 1123 Bway., New York City, $956,780. Noted July 3.

★**N. J., Lakewood**—Hotel—Hotel Elisberg Constr. Co., 55 Liberty St., New York City, let contract building 5 story, 100 x 175 ft., brick and steel, concrete foundation, to L. Barth & Son, 32 Union St., New York City. About $500,000. Noted Apr. 24.

★**N. J., Trenton**—College—Rider-Moore & Stewart, 12 South Broad St., let contract building 5 story, 75 x 100 ft., concrete, brick and steel, on State and Carroll Sts., to S. W. Mather & Sons, Greenwood and Allen Sts. About $125,000.

★**N. J., Trenton**—Psychopathic—Dept. of Architecture, 143 West State St., let contract building 4 story, 45 x 93 ft., concrete and stone, at State Hospital for Insane, here, to Standard Constr. Co., 1713 Sansom St., Phila., $306,000. Noted June 12.

★**N. J., Union Hill**—School—Bd. Educ. let contract building 3 story, 105 x 192 ft., brick and steel, brick foundation, on Hudson Ave., between 1st and 2nd Sts., to De Riso Bros., 17 Bergenline Ave. About $200,000. Noted May 29.

★**N. J. Vineland**—Home—Dept. of Architecture, 142 West State St., Trenton, let contract building 1 story addition to State Home for Children, to J. D. Pasquale, Vineland. About $60,000.

★**Pa., Phila.** — Bank — Kensington Trust Co., Kensington and Allegheny Aves., let contract building 1 story, 54 x 78 ft., concrete and brick bank, with 15 x 54 ft. addition, to F. B. Davis, 240 North 16th St. About $50,000. Noted May 22.

★**Pa., Phila.** — Loft — L. B. Rothchild, archt., 1225 Sansome St., let contract to The Wark Co., 1737 Filbert St., building 7 story, 101 x 150 ft., rein.-con. and brick, for J. C. Kahn, Morris Bldg. About $300,000. Noted May 22.

★**Pa., Wayne**—School—School Dist. Radnor Twp., let contract building two 2 story, 35 x 47 ft. brick wings to primary school, to J. D. Lengel, Bank Bldg., $54,606.

★**Md., Baltimore**—Bank—Maryland Trust Co., Calvert and Redwood Sts., let contract remodeling entire first floor, to Fraine Bros. & Haigley, 18 Clay St., $52,500. Noted May 29.

★**Md., Baltimore**—Bank—Seaboard Bank, Park Ave. and Fayette St., let contract altering 5 story, concrete and steel, to Frainie Bros. & Haigley, 18 Clay St. About $60,000. Noted Feb. 6.

★**Md., Baltimore**—Parish School—St. Bernard's Catholic congregation, Gorsuch Ave., let contract building 2 story, 60 x 140 ft., rein.-con. and brick, concrete and brick foundation, on Gorsuch Ave. and Independent St., to J. J. O'Connor, 427 East Lexington St. About $50,000, cost plus percentage basis.

★**Md., Baltimore** — Theatre — Wizard Theatre Co., 30 West Lexington St., let contract remodeling theatre, to Consolidated Eng. Co., 243 Calvert Bldg. About $50,000.

★**Va., Bon Air** — Administration — Virginia Home & Industrial School for Girls let contract building 2 story, 40 x 100 ft., to J. Dicks, Westhampton St., Richmond. About $50,000.

★**Va., Charlottesville** — Sanitarium — Virginia State Bd. of Health let contract building sanitarium, to Charlottesville Lumber Co., Charlotesville, $81,000.

★**W. Va., Charleston** — Business — S. Cohen let contract building 6 story, 25 x 100 ft., brick, on Virginia and Bridge Sts., to W. A. Abbitt, 12 Columbus Blvd., Charleston. About $60,000.

★**W. Va., Keyser**—Bank and Office—First Natl. Bank let contract building 3 story, 50 x 110 ft., brick and steel, to C. D. Keyser, Bellaire, O. About $75,000.

★**O., Akron** — Salesroom — See "Industrials."

★**O. Akron**—School—Bd. Educ. let contract building 3 story, 88 x 200 ft., rein.-con., steel and brick annex, rein.-con. flooring, brick and concrete foundation, on West Crosier St., to Drummond-Miller Co., Guardian Bldg. Cleveland, $197,650.

★**O., Cleveland** — Bath House and Gymnasium — City let contract building 2 story, 70 x 76 ft., concrete, steel and brick, on East 26th St. and Central Ave., to W. Moore Co., 1278 West 4th St. About $100,000. Noted May 1.

★**O., Cleveland** — Dance Hall — See "Industrials."

★**O., Dayton**—Bank and Office—Pretziger & Musselman, archts., 1155 Reibold Bldg., let contract to Industrial Bldg. Co., Reibold Bldg., building 6 story, 40 x 50 ft. rein.-con. addition, rein.-con. flooring, on 3rd and Main Sts., for J. D. Richards, c/o City Natl. Bank. About $350,000. Noted Mar. 13.

★**O., Pittsburg**—School—E. S. Mountstephen, archt., 803 Union Bank Bldg., Dayton, let contract to Foltz & Son, Columbus, building 3 story, 80 x 140 ft., rein.-con. and brick, concrete foundation, for Bd. Educ. About $91,000. Noted June 19.

Mich., Detroit—Schools—C. A. Gadd, business mgr., bd. educ., 50 Bway., received bids building (a) addition to Moore St. School on Alger and Cameron Aves., (b) addition to Dwyer School on Hawthorn and Caniff Aves., (1) masonry, (2) carpentry, (3) heating, ventilating and plumbing, from M. A. Mahoney, Penobscot Bldg., (a1) $96,000; A. J. Smith Constr. Co., Campau Bldg., (a1) $101,900, (b1) $112,900; Corrick Bros., 507 Owen Bldg., (a1) $104,813, (b1) $110,923; E. Thiede, 287 Berlin Ave., (a2) $27,629, (b2) $28,785; Harcus & Co., 774 Russell St., (a2) $32,538, (b2) $32,175; H. M. Martins Co., 221 Moffat Bldg., (a2) $34,009, (b2) $32,660; J. W. Partlan, 51 Park Pl., (a3) $56,661, (b3) $55,295; R. L. Spitzley, 403 Vinton Bldg., (a3) $57,522, (b3) $56,302; M. B. O'Connor, Penobscot Bldg., (a3) $61,391; Ernst Bros., 35 Bagg St., (b3) $60,216. Noted June 19.

Mich., Port Huron—Gymnasium and Auditorium—City received lowest bid building 2 story, rein.-con., brick and steel, concrete foundation, in connection with Washington School on White St., general contract, A. W. Schultz, Port Huron, $52,500; heating plant, Bryce Heating and Ventilating Co., $11,798. Noted June 19.

Ill., Chicago—School—Bd. Educ. received lowest 3 bids building 3 story, 169 x 263 ft., steel and brick, concrete foundation on West 18th St. and South Keeler Ave.; masonry, from F. A. Siebold & Son, 133 West Washington St., $93,480, S. N. Nielsen & Co., 3059 Augusta St., $96,279, H. Schrik & Co., 3722 Chicago Ave., $99,319; cut stone, C. G. Fanning & Co., 1616 South 52nd Ave., $51,844, Olson & Nelson Cut Stone Co., 3401 South La Salle St., $52,764, J. A. Hagen, 1620 South Laramie Ave., $53,500; structural iron, Hausell-Elcock Co., Archer and Normal Aves., $39,750, Duffin Iron Co., 4837 South Kedzie Ave., $41,200, South Halsted St. Iron Works, 2607 South Halsted St., $41,515; carpentry, H. Schrik & Co., 3722 Chicago Ave., $41,762, B. J. Regnall & Co., 19 South La Salle St., $41,791, H. Reininga, $41,798; fireproofing, Natl Fireproofing Co., 2600 Shields Ave., $26,837; Egan Fireproofing Co., 133 West Washington St., $29,130, Illinois Fireproofing Constr. Co., 209 South La Salle St., $31,776. Noted June 12.

★**Ill., East St. Louis** — Community — Natl. Catholic Community Center Service, c/o P. Murray, Union Trust & Savings Bank, let contract building 3 story, brick and concrete, concrete foundation, on 5th and St. Louis Aves., to Keeley Constr. Co., 2100 State St. About $150,000. Noted Mar. 20.

★**Wis., Milwaukee** — Sanatorium — Sacred Heart Sanatorium, 545 Layton Blvd., let contract building 3 story, rein.-con. and brick addition, to P. Reisen & Sons, 1018 Humboldt Ave. About $66,000.

★**Ia., Britt**—School—Bd. Educ. let contract building 2 story, 104 x 242 ft., rein.-con. and brick, brick foundation, to Madsen Constr. Co., 848 Bldr.'s Exch., Minneapolis, Minn., $131,779. Noted June 12.

★**Minn., Anoka** — Administration—State Bd. Control, Capitol, St. Paul, let contract building 2 story, 45 x 140 ft., at State Asylum, here, to Laurence Constr. Co., 544 Bldr.'s Exch., Minneapolis, $67,594. Noted May 8.

★**Minn., Duluth**—Club—Northland Country Club, East Superior St., let contract building 2 story, 100 x 120 ft., frame and stucco, rein.-con. flooring, concrete foundation, to McLeod & Smith, 508 Sellwood Bldg. About $80,000. Noted Feb. 6.

★**Minn., Russell**—School—Bd. Educ. let contract building 2 story, 60 x 75 ft., rein.-con. consolidated school, to J. Schilt, Redwood Falls. About $50,000. Noted June 12.

★**Minn., St. Hilaire**—School—Bd. Educ. let contract building 2 story, 57 x 90 ft., rein.-con., brick and steel, rein.-con. flooring, concrete foundation, to L. D. McAdams, Thief River Falls, $50,800. Noted June 19.

Buildings (Continued)

★**Kan., Great Bend** — School — Bd. Educ. let contract building 1 story 130 x 140 ft., brick, hollow tile and stucco, concrete foundation, to T. C. Cork, Great Bend. About $50,000. Noted June 19.

★**S. D., Rapid City**—Church—Methodist Episcopal congregation let contract building 1 story, 50 x 100 ft., brick and rein.-con., to A. J. McDonald Constr. Co., 734 Soo Line Bldg., Minneapolis, Minn. About $52,000. Noted May 8.

★**Mo., St. Louis** — School — Principia School, Page and Belt Aves., let contract building 2 story, 75 x 151 ft., concrete, steel and brick addition, at 1342 Montclair Ave., to Dickie Constr. Co., Syndicate Trust Bldg. About $60,000.

★**Mo., St. Louis**—Store—Stix Baer & Fuller Co., 7th and Washington Sts., let contract wrecking present building and erecting 11 story, 90 x 226 ft., rein.-con., steel and brick, rein.-con. flooring, rock foundation, to Westlake Constr. Co., 717 Locust St. About $1,000,000.

★**Idaho, Blackfoot** — Tabernacle — Mormon Church let contract building 2 story, brick, on Main St., to M. E. Anderson, 1915 South 7th East St., Salt Lake City, $62,554.

★**Ariz., Flagstaff**—Training—Comn. State Institutions, Phoenix, will build two 2 story, 60 x 120 ft., rein.-con. limestone and tile, at State Normal School here. Lescher & Ribbey, Bank of Arizona Bldg., Phoenix, archts. Work will be done by day labor.

★**Wash., Wenatchee**—Theatre — Wenatchee Realty & Investment Co. let contract building 2 or 3 story, 70 x 120 ft., masonry construction, to Dow & Ryden, Wenatchee. About $150,000.

★**Cal., Downey**—Psychopathic—Bd. of Supervs. Los Angeles Co. let contract building 2 story, 60 x 269 ft., concrete and frame, at Couty Farm, to G. F. Barber, 4342 South Flower St., Los Angeles, $61,590. Noted July 3.

★**Cal., Los Angeles**—Office—See "Industrial Works."

★**N. S., Ferrona Junction**—Asylum—Pictou Co. let contract building concrete, steel and brick, at Riverton, near here, to J. Johnson, New Glasgow. About $100,000.

★**Ont., Kingston**—Collegiate Institute—City let contract building 2 story, brick, to Pigott-Healy Constr. Co., 36 James St., S. Hamilton, $324,884.

★**Sask., Regina**—Recreation Hall, etc.—Dept. Pub. Wks., Ottawa, Ont., let contract building recreation and Red Cross halls, residence, power house and drainage system, in connection with Qu'Appelle Sanitorium, to Poole Constr. Co., Regina. Total cost, $75,000.

Federal Government Work

PROPOSED WORK

Mass., Boston—Addition to Shipfitters Shop—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 25, building at Structural Shop, here; Spec. 3920. Noted July 3.

Mass., Boston—Post Office—Treas. Dept., Wash., D. C., has had plans prepared for 2 story post office, on West Bway. About $150,000.

Mass., Hingham—Officers' Quarters—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 28, constructing 2 buildings for officers' quarters at Naval Ammunition Depot, here; Spec. 3804. Noted July 3.

N. Y., Montauk — Painting Building — Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to paint buildings, here; Spec. 3999. Bids will be received at Brooklyn Navy Yard.

N. Y., Montauk—Power House—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 25, building at Naval Air Sta., here; Spec. 3889. Noted July 3.

N. Y., Brooklyn—Storgae Building—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 25, constructing compass storage building on roof of Building S-2, at Fleet Supply Base in South Brooklyn; Spec. 3948. Noted July 3.

N. J., Cape May—Cell House—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 25, building at Wissahickon Barracks, Naval Training Camp, here; Spec. 3943. Noted July 3.

Pa., Phila — Assembly Shop — Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 25, building extension to assembly shop at Naval Aircraft Factory, here; Spec. 3927. Noted July 3.

Pa., Phila—Paving, Resurfacing, etc.—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 25, paving and resurfacing existing roads, ballasting railroad tracks, extensions, alterations and drainge; Spec. 3963. Noted July 3.

Pa., Phila. — Roof Covering — Bureau Yards & Docks, Navy Dept., Wash., D. C., plans to cover roofs of Buildings Nos. 352, 360, 400 and 401; Spec. 3981.

D. C., Anacostia—Buildings, Hangars, Roads and Distributing Systems—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 25, building and installing, here; Spec. 3905. Noted July 3.

Va., Hampton Roads—Surfacing, Grading, Filling and Sodding—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 28, surfacing, grading, filling and sodding 300 acres at NavalOperating Base, here; Spec. 3930. Noted July 3.

Va., Quantico—Road, Floor, etc.—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 28, grading, building concrete road and platforms at Marine Flying Field, here; Spec. 3980. Noted June 26.

S. C., Charleston—Quarters for Guards, Electric Lighting, Water Supply and Fire Protection Systems—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 28, building and installing at Naval Amunition Depot, here; Spec. 3977. Noted July 3.

Fla., Key West—Power House, Electric Generator Equipment and Fire Protection System—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 25, building power house, here, and installing electric generator equipment and fire protection system; Spec. 3956. Noted July 3.

Fla., Key West—Sewer—Bureau Yards & Docks, Navy Dept., Wash., D. C., rejected bids received June 25, building intercepting sewer at Naval Air Sta., here; Spec. 3959. Noted July 3.

Ore., Bend—Road Work—Bureau Pub. Rds., U. S. Dept. of Agriculture, 628 Post Office Bldg., Portland, soon lets contract improving 15.51 mi. McKenzie River Natl. Forest Rd., in Deschutes Natl. Forest, Deschutes Co., involving 51 acres clearing, 78,000 cu.yd. earth and 12,000 cu.yd. rock excav., 1850 lin.ft. log or pipe culverts etc. L. I. Hewes, dist. engr.

BIDS DESIRED

Mass., Boston—Dredging, Wharf and Retaining Wall—Until Aug. 1, by Light House Supt., Boston, dredging and building new wharf and retaining wall at Light House Depot, Chelsea.

R. I., Providence—Remodeling Elevator—Until July 31, by Treas. Dept., Wash. D. C., remodeling electric passenger elevator in Post Office, Courthouse and Customhouse, here. J. A. Wetmore, supervy. archt., advertised in this isssue.

N. Y., Buffalo—Rubble Mound Protection, etc.—Until July 31, by U. S. Engr. Office, 540 Federal Bldg., constructing rubble mound protection and sand fill protection on Presque Isle Peninsula, Erie Harbor, Pa.

N. Y., New York—Dredging—Until July 30, by U. S. Engr. Office, 39 Whitehall St., dredging in Raritan River, N. J.; advertised in this issue.

N. Y., New York—Dredging and Rock Removal—Until Aug. 7, by U. S. Engr. Office, 39 Whitehall St., dredging and removing rock in East River; advertised in this issue.

N. Y., Stapleton—Kitchen and Mess Hall—Until July 25, by Treas. Dept., Wash., D. C., building here. J. A. Wetmore, supervy. archt.

N. Y., Stapleton—Mechanical Equipment—Until July 25, by Treas. Dept., Wash., D. C., furnishing mechanical equipment for kitchen and mess hall and certain outside service in U. S. Marine Hospital, here. J. A. Wetmore, supervy. archt.; advertised in this issue.

D. C., Wash.—Miscellaneos Equipment—Until Sept. 2, by Gen. Purch. Agt., Panama Canal, Wash., purchasing cargo handling cranes, air compressors, electric motors and spares, starting panels, motor-driven triplex pump, Hamilton-Corliss engine, vacuum-cleaning machine, Hughes electric oven, water-cooling boxes, fiber conduit bends, steel dump cars, wooden flat cars and locomotives. A. L. Flint, purch. agt.; advertised in this issue.

ROAD WORK—NEW YORK

Bids were received by State Highway Comn., June 17, for constructing Road No. 1507, from Baldwinsville to Plainville, Onondaga Co., from (A) Pathfinder Constr. Co., Fulton; (B) J. H. Corbett & Sons Co., Union Arcade, Pittsburgh, Pa.; (C) Morrison & Quinn Co., Inc., Rochester; Road No. 1496, from Westport to Elizabethtown, Essex Co., (A) Kennedy Contg. Co., Inc., Albany; (B) Dale Eng. Co., Mann Bldg., Utica; (C) John B. Dower, Ballston Spa.; Road No. 5626, from Oppenheim to Dolgeville, Fulton Co., (A) Dale Eng. Co., Mann Bldg., Utica; (B) Rosoff Eng. Co., 15 Park Row, New York City; (C) F. V. Brotsch Co., E & B Bldg., Rochester; Road No. 5635, from Marilla to Wales Center, Erie Co., (A) Cold Spring Constr. Co., Buffalo; (B) Frank J. Foote, Nunda; (C) J. S. Stabell, Inc., 1127 Niagara St., Buffalo. The unit bids were as follows:

ROAD NO. 1507

	A	B	C
Clearing and grubbing (lump sum)	$150.00	$150.00	$150.00
30,000 cu.yd. earth excavation	1.05	1.00	1.00
100 cu.yd. rock excavation	2.00	3.00	3.00
50,000 cu.yd. overhaul, per cu.yd. 100 ft	.01	.01	.01
350 lin.ft. vitr. clay pipe, 10 in. diameter	.65	.61	.65
140 lin.ft. vitr. clay pipe, 15 in. diameter	.90	1.00	.95
1,000 lin.ft. 6-in. porous tile underdrain	.22	.20	.20
6 catch basins	75.00	80.00	75.00
2 changing elevations of manholes	5.00	4.45	5.00
40 tons cast iron pipe	80.00	76.00	75.00
100 lin.ft. relaying old pipe	.20	.20	.70
1,000 ft.b.m. timber and lumber	65.00	65.00	60.00
52 cu.yd. 2nd class concrete	12.00	12.50	12.00
220 cu.yd. 3rd class concrete	11.50	11.00	11.10
55 lin.ft. stone curbing and headers	1.25	1.30	1.25
610 lin.ft. concrete curbing	.70	.80	.75
1,100 sq.yd. cobble gutters, sand joints	1.00	1.00	1.00
1,600 sq.yd. cobble gutters, cement joints	.75	.80	.75
2,700 lb. metal reinforcement	.10	.10	.10
1,500 lb. miscellaneous iron and steel	.10	.10	.10
5,800 lin.ft. wooden guard railing	.35	.45	.45
70 cu.yd. screened gravel	3.00	2.80	2.80
80 cu.yd. broken stone	3.50	4.00	4.00
265 cu.yd. concrete foundation	9.50	9.00	9.50
12,800 cu.yd. cement concrete pavement			
1,865 sq.yd. brick pavement	2.90	2.75	2.75
300,000 sq.ft. metal reinforcement for pavement	.01	.02	.02
1,000 cu.yd. run of bank gravel	3.10	3.00	3.00
Extended totals	$225,984	$240,003	$248,911

Road Work—New York (Continued)

ROAD NO. 1496

	A	B	C
Clearing and grubbing (lump sum)	$200.00	$700.00	$2,000.00
39,000 cu.yd. earth excavation	1.10	.65	1.00
2,300 cu.yd. rock excavation	2.50	1.00	1.00
10,000 cu.yd. overhaul, per cu.yd. 100 ft.	.01½	.01	.01½
30 lin.ft. vitr. clay pipe, 12 in. diameter	1.00	.65	1.00
12 lin.ft. vitr. clay pipe, 16 in. diameter	1.25	.80	1.25
80 lin.ft. vitr. clay pipe, 18 in. diameter	1.50	1.20	1.50
1,000 lin.ft. 6-in. vitr. clay underdrain	.45	.25	.40
25 tons cast iron pipe	80.00	70.00	70.00
100 lin.ft. relaying old pipe	.20	.15	.20
30 cu.yd. stone filling	3.00	2.50	2.00
2,000 ft.b.m. timber and lumber	5.00	50.00	40.00
280 cu.yd. riprap	3.00	2.50	3.00
160 cu.yd. 2nd class concrete	11.00	11.00	11.00
510 cu.yd. 3rd class concrete	10.00	10.00	10.00
1,070 sq.yd. cobble gutters, cement joints	1.00	1.20	1.25
1,100 sq.yd. cobble gutters, sand joints	.50	.80	.80
220 sq.yd. concrete gutters	2.00	1.80	2.00
7,000 lb. metal reinforcement	.10	.07	.10
2,000 lb. miscellaneous iron and steel	.10	.06	.10
5,900 lin.ft. wooden guard railing	.40	.40	.40
235 cu.yd. broken stone	2.70	2.20	2.70
15,350 cu.yd. foundation course, field or quarry stone	3.20	3.50	3.20
4,825 cu.yd. bottom course, broken stone	4.60	4.30	5.00
145 cu.yd. concrete foundation for pavement	11.00	12.00	11.00
7,300 cu.yd. top course, bituminous macadam, penetration method	5.00	6.75	6.00
1,000 sq.yd. stone block pavement	7.00	7.50	7.00
172,500 gal. bituminous material	.08	.13½	.13
Extended totals	$196,955	$198,749	$208,606

ROAD NO. 5626

	A	B	C
Clearing and grubbing (lump sum)	$150.00	$150.00	$150.00
22,000 cu.yd. earth excavation	.65	1.00	1.00
500 cu.yd. rock excavation	1.00	1.00	3.00
50 lin.ft. vitr. clay pipe, 18 in. diameter	1.30	.01	1.50
500 lin.ft. 6-in. porous tile underdrains	.25	.01	.40
2 tons cast-iron pipe	80.00	.01	80.00
5M. ft.b.m. timber and lumber	60.00	.02	50.00
50 cu.yd. riprap	3.00	3.00	3.00
115 cu.yd. 2nd class concrete	11.00	12.00	12.00
280 cu.yd. 3rd class concrete	10.00	11.00	11.00
2,560 sq.yd. cobble gutter, cement joints	1.00	1.25	1.50
1,470 cu.yd. cobble gutter, sand joints	.70	1.00	1.00
3,050 lb. metal reinforcement	.07	.10	.10
300 lb. miscellaneous iron and steel	.06	.10	.10
2,830 lin.ft. wooden guard railing	.40	.45	.45
294 cu.yd. broken stone, No. 1 size	2.60	3.00	3.10
160 cu.yd. broken stone, No. 2 size	2.60	3.40	3.45
8,230 cu.yd. foundation course, field or quarry stone	4.80	4.45	4.30
3,875 cu.yd. top course, waterbound macadam, broken stone	8.20	8.10	7.40
15,500 gal. surface treatment with bituminous cold application	.15	.01	.20
18 tons commercial granulated calcium chloride	29.00	.01	.29
Extended totals	$99,849	$103,336	$101,824

ROAD NO. 5635

	A	B	C
Clearing and grubbing (lump sum)	$600.00	$600.00	$600.00
33,000 cu.yd. earth excavation	1.30	1.15	1.00
75 cu.yd. rock excavation	2.00	3.00	3.00
1,600 lin.ft. 6 in. vitr. clay underdrains	.35	.35	.35
14.5 tons cast iron pipe	90.00	.90	.90
100 lin.ft. relaying old pipe	.20	.20	.25
1M.ft.b.m. timber and lumber	60.00	.01	60.00
110 cu.yd. 2nd class concrete	16.50	16.25	16.50
420 cu.yd. 3rd class concrete	15.40	15.25	15.40
2,150 sq.yd. concrete gutters	2.00	2.40	2.75
4,600 lb. metal reinforcement	.12	.08	.12
200 lb. miscellaneous iron and steel	.10	.10	.12
4,000 lin.ft. wooden guard railing	.50	.50	.50
175 cu.yd. screened gravel	3.10	3.00	3.10
8,475 cy.yd. cement concrete pavement	14.25	15.50	16.25
300 cu.yd. run of bank gravel	3.20	3.50	4.20
415,500 sq.ft. metal reinforcement	.02½	.02½	.02½
Extended totals	$193,409	$198,682	$202,451

D. C., Wash.—Sewers—Until Aug. 4, by Dist. Comrs., Dist. Bldg., constructing 9600 lin.ft. trunk sewers, ranging in size between 2 and 9 ft. in diameter; advertised in this issue.

Ga., Dawson — Post Office — Until July 25, by Treas. Dept., Wash., D. C., building here. J. A. Wetmore, superv. archt.

Fla., Jacksonville—Dredging and Rock Removal—Until Aug. 2, by U. S. Engr. Office, Jacksonville, dredging and removing rock in St. John's River; advertised in this issue.

Fla., St. Augustine—Heating Apparatus—Until July 30, by Treas. Dept., Wash., D. C., furnishing and installing heating apparatus. J. A. Wetmore, superv. archt.

O., Cincinnati—Lock and Dam—Until Aug. 1, by U. S. Engr. Office, 1st Dist., Cincinnati, building lock and abutment for Dam No. 34, Ohio River, near Chilo. Noted May 1.

Ill., Chicago—Crib—Until July 29, by U. S. Engr. Office, 508 Federal Bldg., constructing concrete caisson breakwater and light house crib at Indiana Harbor, Ind.

Tex., Galveston — Boathouse, Wharf and Boat Basin—Until July 31, by Treas. Dept., Wash., D. C., building new boathouse, wharf and boat basin for U. S. Quarantine Sta., here. J. A. Wetmore, superv. archt.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★R. I., Coddington Point—Bridge, Wharf, Seawall, Etc. — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building, here, to W. L. Miller, 171 Alford St., Boston, Mass., (1) $171,893, (149 days), (4) $28,978, (120 days). Unit prices for (2) and (3) also accepted.

★R. I., Coddington Point — Tank and Tower — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract erecting tank and tower at U. S. Naval Camp, here to Chicago Bridge & Iron Co., 30 Church St., New York City, $7940, (120 days). Noted July 3.

★R. I., Newport — Extending and Altering Fire Alarm System — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract extending and altering fire alarm system, here, to Gamewell Fire Alarm Telegraph Co., 70 East 45th St., New York City, $19,062, (90 days). Noted July 3.

N. Y., Brooklyn — Cranes — Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids July 2, installing 7 electric traveling cranes in Shipbuilding Way No. 1 and Bulkhead Handling Ways Nos. 1 and 2, at Navy Yard, here, (1) net price and time for one 40-ton and four 10-ton cranes and runway conductors for their runways, complete in accordance with drawings and specifications; (2) net price and time for two 15 ton cranes and runway conductors for their runways, complete, in accordance with drawings and specification; (3) amount and time to be deducted from net price and time stated under (2) for omission of 15-ton cranes and its runway conductors, from Niles Bement Pond, 111 Bway., New York City, (1) $85,165, (150 days), (2) $46,600, (3) $23,300; V. R. Browning, 17701 Lake Shore Blvd., Cleveland, O., (1) $91,329, (165 days), (2) $47,460, (180 days), (3) $24,480; Bedford Fdry. & Machine Co., Bedford, Ind., (1) $53,400, (180 days), (2) $26,100. Noted June 26.

★N. Y., Brooklyn — Rebuilding Shipbuilding Ways — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract reconstructing shipbuilding ways, here, to Phoenix Constr. Co., 41 Park Row, New York City, $697,897, (240 days). Unit prices for (2) and (3) also accepted. Noted July 3.

★N. Y., New York—Dredging—U. S. Engr. Office, 39 Whitehall St., let contract dredging in narrows of Lake Champlain, N. Y. and Vt., to Amer. Pipe & Constr. Co., 112 North Broad St., Phila., Pa., $79,500. Noted Apr. 10.

★N. Y., New York—Dredging—U. S. Engr. Office, 39 Whitehall St., let contract dredging in East River, to Bowers-Southern Dredging Co., 914 Amer. Natl. Insurance Bldg., Galveston, Tex., $586,500. Noted May 22.

★N. Y., New York — Elevators — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building 2 electric elevators at Shipbuilding Way No. 1, here, to Albro-Clem Elevator Co., D St. and Erie Ave., Phila., Pa., $15,785, (120 days). Noted July 3.

★N. Y., Rockaway — Electric Light and Power Distributing System—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building, here, to Hamilton Electric Co., 357 3rd St., Brooklyn, $43,143, (80 days). Noted July 3.

★N. Y., Rockaway—Extension to Steam Heating System—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building extension to steam heating system, at Air Sta., here, to E. Rutzler Co., 404 East 45th St., New York City, (1) to (5), $11,720, (50 days). Noted July 3.

★N. Y., Rockaway — Latrine and Washroom — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building at Air Sta., here, to Rangley Constr. Co., 405 Lexington Ave., New York City, $9400, (40 days). Noted July 3.

N. Y., Stapleton—Gas Mains—Treas. Dept., Wash., D. C., received bid furnishing and laying gas mains at U. S. Marine Hospital, here, from Hickey Contg. Co., 841 Bway., New York City, $1200, (14 days). Noted June 19.

★N. J., Cape May — Flood Lighting System — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract installing in Wissahickon Barracks, here, to Carroll Electric Co., 714 12th St., Wash., D. C., $4450, (45 days). Noted July 3.

★Pa., Ft. Mifflin — Repairs to Roads — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract repairing roads at Navy Yard, here, to M. J. McCrudden, 805 Franklin Trust Bldg., Phila. Noted June 19.

Federal Government Work (Continued)

★**Pa., Ft. Mifflin** — Tank and Tower — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building 30,000 gal. steel tank on 80 ft. tower, here, to A. Stang, 1220 Locust St., Phila., $95,000, (60 days). Noted July 3.

Pa., Phila.—Building—Pub. Wks. Officer, Local Navy Yard, received bids completing erection of portable steel building, at Navy Yard, from Stang & Mitchell, Real Estate Trust Bldg., $26,457, (60 days); Belmont Iron Wks., 22nd and Washington Ave., $27,777, (60 days); G. F. Pawling & Co., 1432 South Penn Sq., $28,300. Noted June 26.

★**Pa., Phila** — Fire Escape — Bureau Yards & Docks, Navy Dept., Wash. D. C., let contract constructing fire escape for Building No. 6, here, to J. Baizley Iron Wks., 514 Delaware Ave., $1650 (60 days). Noted July 3.

★**Pa., Phila.** — Paving — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract paving, here, to E. C. Fish Co., 703 Real Estate Trust Bldg., $83,000, (150 days).

★**Pa., Phila.**—Pipe System of Automatic Sprinkler—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract installing wet and dry pipe system of automatic sprinklers, in Building No. 87, to General Fire Extinguisher Co., 1220 Stock Exch. Bldg., $26,450. Noted July 3.

★**Pa., Phila.** — Recoating Roofing, Etc. —Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract recoating roofing, here, to Amer. Insulator Co., Robert Ave. and Stickley St., $610.

★**Pa., Phila.** — Scrap Storage Yard — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building, here, to M. H. McCloskey, Jr., 1620 Thompson St., $27,408, (90 days).

★**Pa., Phila.** — Sprinkler System — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract installing, here, to General Fire Extinguisher Co., 1220 Stock Exch. Bldg., $13,895, (120 days).

★**Pa., Phila.**—Storehouse—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building, here, to Stang & Mitchell, 629 Real Estate Trust Bldg., $26,457, (60 days).

★**Md., Indianhead** — Housing Facilities —Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building here, to H. S. Roberts, 1123 Bway., New York City, $59,350, (180 days). Noted July 3.

★**Md., Indianhead** — Toilet Buildings — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract constructing toilet buildings and additions at Powder Factory, here, to H. S. Roberts, 1123 Bway., New York City, $59,750, (120 days). Noted July 3.

★**D. C., Bellevue** — Pier and Fire Protection System — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building pier and installing fire protection system, here, to McHarg-Barton Co., 171 Madison Ave., New York City, (1) $47,000. Unit prices for (7), (8), (9) and (10) also accepted. Noted July 3.

★**D. C., Wash.**—Mess Hall, Garage and Sidewalks—Constr. Quartermaster. Walter Reed Hospital, let contract building mess hall, garage and concrete sidewalks, to Skinker & Garrett, 1416 F St., N. W., $53,514.

★**D. C., Wash.** — Sewer — Dist. Comrs., Dist. Bldg., let contract constructing Luzon Ave. trunk sewer, to W. F. Cush, 2nd and R Sts., N. E., (1) $2.85, (2) $15.50, (3) $45, (4) $24. Noted June 26.

★**Va., Hampton Roads**—Boat Shed and Dredging—Bureau Yards and Docks, Navy Dept., Wash., D. C., let contract building boat shed and dredging, here, to H. P. Converse Co., 31st St. and Colonial Ave., Norfolk, Va., (1) $30,480, (75 days). Unit price for (4) also accepted. Noted June 26.

Va., Hampton Roads — Crane and Bridges — Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids installing 1 electric traveling crane and 2 transfer bridges in 3 story storehouse at Naval Operating Base, here, (1) work complete, from R. Browning & Co., 17701 Lake Shore Blvd., Cleveland, O., (1) $8920, (120 days), (2) $4652, (120 days); Cameron Eng. Co. East Stroudsberg, Pa., (1) $8015, (120 days), (2) $8800, (120 days); Camden Iron Wks., 2nd and Chestnut St., Camden, N. J., (1) $6966, (120 days). Noted May 15.

★**Va., Hampton Roads** — Fire Alarm System — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract installing fire alarm system in East Camp of Naval Training Sta., here, to E. J. Electric Installation Co., 221 West 33rd St., New York City, $8300, (90 days). Noted July 3.

★**Va., Hampton Roads** — Railroad Extension — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building at Naval Operation Base, here, to Porter & De Witt, Army Supply Base, Norfolk, $36,500, (90 days). Noted July 3.

★**Va., Yorktown** — Buildings — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract constructing 11 buildings at Naval Mine Depot, here, to Newport Contg. Co., Law Bldg., Newport News, $289,331, (270 days). Noted July 3.

★**Va., Yorktown** — Machine Shop — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building at Naval Mine Dept, here, to McLean Contg. Co., 1415 Fidelity Bldg., Baltimore, Md., (1) $6000, (70 days). Unit price for (2) also accepted. Noted July 3.

★**Va., Yorktown** — Road — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building concrete road at Naval Mine Depot, here, to McLean Contg. Co., 1415 Fidelity Bldg., Baltimore, Md., $179,560, (150 days). Noted July 3.

★**S. C., Charleston**—Boilers and Superheaters—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract installing at Navy Yard, here, to Heine Safety Boiler Co., 1120 Pennsylvania Bldg., Phila., Pa., $41,750 (140 days). Noted June 19.

★**S. C., Paris Island** — Tank and Tower —Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract erecting elevated tank and tower at East Camp of U. S. Naval Training Sta., here, to Chicago Bridge & Iron Co., 30 Church St., New York City, $8340, (120 days). Noted July 3.

★**S. C., Paris Island** — Water Supply System — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building fresh water supply system at Marine Barracks, here, to Noland-Clifford Co., 330 28th St., Newport News, Va., $53,600. (120 days). Noted July 3.

★**Fla., Key West** — Oil Burning Equipment—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract furnishing oil burning equipment for boilers, here, to Southern Florida Contg. & Eng. Co., Eaton and Elizabeth Sts., $5800, (125 days). Noted July 3.

★**Fla., Pensacola** — Incinerator — Bureau Yards & Dock, Navy Dept., Wash., D. C., let contract building here, to C. H. Turner Co., Brent Bldg., $5760, (40 days). Noted June 5.

Ind., Evansville—Water Mains—Treas. Dept., Wash., D. C., received bids laying water mains at U. S. Post Office, here, from H. G. Newman Plumbing Co., 511 U 4th St., $7450 (90 days); E. H. Hartig, Evansville, $7765; Noland-Clifford Co., 330 28th St., $11,300.

★**Ill., Great Lakes** — Drainage — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract draining at Naval Training Sta., Camp Paul Jones, here, to H. D. Hallett, 132 Downer Pl., Aurora, Ill., $13,378, (30 days). Unit prices for (2) to (7) inclusive, also accepted. Noted July 3.

★**Ill., Great Lakes** — Road Work — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract improving roads, here, to Contg. & Material Co., 3219 Michigan Ave., Chicago, $34,460, (50 days). Noted July 3.

★**Ill., Great Lakes** — Sewage Disposal Plant — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract remodeling sewage disposal plant, here, to Hansen Bros. Co., 126 North Dearborn St., Chicago, $17,481, (60 days). Noted July 3.

★**Ill., Great Lakes** — Track — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building track in Cold Storage Yard, here, to Elgin, Joliet & Eastern R.R. Co., $41,493.

Wis., Tomah—Post Office—Treas. Dept., Wash., D. C., received bids July 1, building post office, here, from W. D. Lovell, 1415 South East 8th St., Minneapolis, Minn., $51,400; Northern Constr. Co., 445 Milwaukee St., Milwaukee, $54,998; A. W. Lane, 19 South La Salle St., Chicago, Ill., $55,256. Noted June 5.

★**Tex., Ft. Worth** — Wells — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract drilling 2 wells at Helium Production Plant, here, to Q. D. Lewis, North Ft. Worth, $9000, (60 days). Noted June 5.

Cal., Mare Island — Cranes — Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids July 2, installing electric traveling cranes in structural shop, here, (1) net price and time for one 80-ton, three 15-ton (span 96 ft. 4 in.) one 15-ton (span 57 feet 3 in) and two 5-ton bridge cranes, complete with runway conductors, and pulpit-control systems for 80-ton and 15 ton Smithery cranes, in accordance with drawings and specification; (2) net price and time for ten 5-ton (reach 20 ft.) and six 3-ton wall cranes, complete with runway conductors, in accordance with drawings and specifications, from V. R. Browning & Co., 17701 Lake Shore Blvd., Cleveland, O., (1) $115,091, (240 days); (2) $92,198, (195 days); Toledo Bridge & Crane Co., Toledo, O., (1) $101,700, (150 days), (2) $112,500, (150 days); Cleveland Crane & Eng. Co., Wickliff, O., (1) $103,000, (240 days), Niles Bement Pond Co., 111 Bway., New York, N. Y., (1) $112,600; (2) $115,000, (195 days). Noted June 26.

★**Cal., San Diego**—Administration Building, Roads and Walks—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract constructing administration building, roads and walks, here, to W. E. Kier, 502 Amer. Natl. Bank Bldg., (1) $203,394, (270 days); (4), (5) and (6) also accepted. Noted June 5.

★**Cal., San Diego** — Building, Hangar, Etc.—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract constructing main building, kite balloon hangar and concrete floors, here, to F. W. Steffger c/o Pub. Wks. Office, Timker Bldg., (1) to (5) inclusive, $9274, (60 days). Noted May 15.

★**Cal., San. Diego** — Distributing System — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building underground electric distributing system and street lighting system at Naval Air Sta., here, to Brelin Co., c/o Pub. Wks. Office, Timker Bldg., $42,750, (120 days). Noted July 3.

★**Cal., San Diego** — Pipe Line — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building gas pipe line system, here, to T. Haverty Co., 517 South Los Angeles St., Los Angeles, $6875, (60 days). Noted June 12.

★**Cal., San Francisco** — Radio Towers — Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract erecting two 450 ft. steel radio towers, here, to Pittsburgh Des Moines Steel Co., 959 Munsey Bldg., Wash., D. C., $87,776, (180 days). Noted June 19.

★**P. R., Cayey**—Radio Buildings—Bureau Yards & Docks, Navy Dept., Wash., D. C., let contract building addition to operators' quarters, here, to R. Corbia, Radio Sta., El Cayey, $32,650, (150 days). Noted June 26.

★**H. T., Honolulu**—Dredging—U. S. Eng. Office, Honolulu, let contract dredging Kahului Harbor, to Hawaiian Dredging Co., Honolulu, $95,921.

H. T., Pearl Harbor—Hospital—Bureau Yards & Docks, Navy Dept., Wash., D. C., received bids June 25, building here, (1) work complete, from

Hawaiian Dredging Co., Honolulu, (1) $379,745, (270 days); (2) $328,808, (270 days); (3) $50,937, (210 days); (4) $28,128, (30 days); (5) add $2000.

C. L. Wold Co., 75 Sutter Street, San Francisco, Cal., (1) $385,400, (270 days); (2) $295,000, (270 days); (3) $60,074, (270 days); (4) $30,326; (5) $1250.

Hanna Bros., 142 Sansom Street, San Francisco, Cal., (1) $391,315, (310 days); (2) $299,400, (300 days); (3) $64,330, (300 days); (4) $32,230; (5) $1365. Noted June 12.

Miscellaneous

PROPOSED WORK

Monument — Uxbridge, Mass. — City plans to build soldiers' and sailors' monument on "Common," rein.-con. and marble. About $10,000. Hutchins & French, 6 Beacon St., Boston, archts.

Pumping Machinery—Trenton, N. J.—City plans to purchase new machinery for pumping station. J. R. Fell, 134 North Clinton Ave., engr.

Miscellaneous (Continued)

Ovens—Greensburg, Pa.—E. J. Shaller having plans prepared by McCormick Co., archts. and engrs., Century Bldg., Pittsburgh, building 1 story brick ovens. About $30,000.

Garbage Incinerator—Monesson, Pa.—Boro. having plans prepared by Chester & Fleming, engrs., Union Bank Bldg., Pittsburgh, for 20 ton capacity incincerator.

Kettles, Asphalt, etc.—Pittsburgh, Pa.—Allegheny Co. soon lets contract for twelve 100 gal. asphalt heating kettles and 250 tons natural rock asphalt. J. P. Moore, co. controller.

Swimming Pool—Baltimore, Md.—See "Buildings."

Wharf — New Orleans, La. — Dock Bd. will build banana wharf. About $400,000. Work may be done by day labor. J. D. O'Reilly, 833 Canal St., ch. engr.

Trenching Machine, Steam Shovel, etc. —Chicago, Ill.—Moore Bros., 39 South La Salle St., plans to purchase 10 Buckeye trenching machines, revolving steam shovel, 3 drum hoists and locomotive crane.

Fire Alarm System—San Antonio, Tex.—City election July 26 to vote on $150,000 bonds to install fire alarm system. H. Helland, city engr.

Incinerator — San Antonio, Tex. — City election July 26 to vote on $100,000 bonds to build incinerator. H. Helland, city engr.

Parks—San Antonio, Tex.—City election July 26 to vote on $200,000 bonds to build parks. H. Helland, city engr.

Dikes—South Bend, Wash.—Pacific Co. plans to establish diking district on both sides of Nasal River to reclaim 1440 acres of tide lands. About $1,000,000. H. A. Gibbs, co. engr.

Piers, Etc. — Berkeley, Cal. — R. P. Jennings leased entire waterfront with exception of 100 ft., for 50 years, and plans to spend $2,000,000 within 5 years and $1,000,000 additional within 10 years of signing of lease to build piers or moles, warehouses, etc., and dredging waterway 3000 ft. wide.

Conduit—Oakland, Cal.—See "Streets and Roads."

Pipe Lines—Santa Barbara, Cal.—City voted $110,000 bonds, $40,000 being needed to complete Gibralta dam under contract now held by Bent Bros., 825 Central Bldg., Los Angeles, $54,000 to build 9000 lin.ft. 24 in. pipe line from dam to Mission reservoir and $16,000 to lay service mains. Pipe line will probably be of continuous redwood staves. Address Bd. Water Comrs. Noted Apr. 10.

Dam — Annapolis, N. S. — Landowners near township plan to build dam to protect property from tidal damage. About $130,000. In connection with this they have requested Highway Comn. of Province of Nova Scotia to raise present highway crossing marsh lands and put in flood gates, thus providing for dam and also permanent highway. G. E. Corbett, chn. landowners com.

Dam, Flume, etc.—Berwick, N. S.—Town soon lets contract building dam, flume and other requirements for electric light plant. Bonds for $27,500 sold for project.

Vault—Montreal, Que.—City voted $65,000 bonds to build fire and waterproof vault. A. E. Doucet, City Hall, engr.

Dry Dock—Sorel, Que.—Sorel Shipbuilding Co. plans to build dry dock and necessary building. About $150,000. J. N. Leclair, Sorel, engr.

Pier—Toronto, Ont.—Dept. Pub. Wks., Ottawa, soon lets contract rebuilding portion of superstructure of east pier at eastern entrance to Toronto Harbor, 400 ft. long, 30 ft. wide; stone fill core, cribwork, concrete blocks and concrete cap. E. Lafleur, c/o Dept. Pub. Wks., ch. engr.

Harbor Improvements, Vancouver, B. C.—Dominion Government appropriated $5,000,000 for general improvements to harbor here, including wharves and equipment for same. R. G. Swan, Ottawa, Ont., engr.

BIDS DESIRED

Ferry Boat—Boston, Mass.—Until July 15, by T. J. Sullivan, comr. pub. wks., reconstructing ferry boat "John H. Sullivan." About $25,000.

Furnishings, Apparatus and Equipment—Albany, N. Y.—Until July 22, by H. M. Biggs, comr. health, state department of health, Capitol, furnishing experimental extraction and distilling apparatus, water still, autoclaves, etc.; advertised in this issue.

Paving Material—St. George, S. I., N. Y.—Until July 14, by C. D. Van Name, pres. Richmond Boro., furnishing and delivering 1600 cu.yd. 1½ in. and 700 cu.yd. ¾ in. broken stone, 70 cu.yd. screenings, 100 cu. yd. grits in Dist. No. 1; 1050 cu.yd. 1½ in. and 80 cu.yd. ¾ in. broken stone, 420 cu.yd. screenings of trap rock and 450 cu.yd. grits in Dist. No. 2; 800 cu.yd. 1½ in. and 60 cu.yd. ¾ in. broken stone, 320 cu.yd. screenings of trap rock and 130 cu.yd. grits in Dist. No. 3.

Harbor Improvements—Atlantic City, N. J.—Until July 31, by city, improving harbor, involving 723,000 cu.yd. excav., 4000 lin.ft. sod banks for retaining fill, 1080 lin.ft. wood bulkhead, 25 x 200 ft. wharf and 1300 lb. cleats. J. B. Thompson, dir. dept. pub. safety.; advertised in this issue.

Gas Mains—Duluth, Minn.—Until July 14, by G. P. Phillips, comr., laying 3820 ft. 8 in. high-pressure steel gas mains in South Grand Ave. from 71st Ave., W., to 84th Ave., W. About $11,269. Work involves 1300 cu.yd. earth and 20 cu.yd. rock excav., etc.

Wharf—Ste. Anne de Beaupre, Que.—Until July 23, by R. C. Desrochers, secy. dept. pub. wks., Ottawa, Ont., rebuilding and repairing wharf here.

Wharf—Cornwall, Ont.—Until July 22, by R. C. Desrochers, secy. dept. pub. wks., Ottawa, building wharf here.

Breakwaters—Port Colborne, Ont.—Until July 20, by Dept. Pub. Wks., Ottawa, repairing west breakwater, 781 ft. long, cribwork, stone fill and concrete cap; also east breakwater, 35 x 130 ft., mass concrete base, concrete top, involving 1000 cu.yd. concrete. E. Lafleur, c/o Dept. Pub. Wks., ch. engr.

Wharf—Powell River, B. C.—Until July 31, by Dept. Pub. Wks., Ottawa, building addition to wharf and dredging here. About $16,500. E. Lafleur, c/o Dept. Pub. Wks., engr.

Wharf—Saanichton, B. C.—Until July 25, by R. C. Desrochers, secy. dept. pub. wks., Ottawa, Ont., repairing wharf here and at Sydney, also repairing float and approach at Roberts Bay.

PRICES AND CONTRACTS AWARDED

(★Indicates award of contract)

★Pipe, Etc.—Hartford, Conn.—Bd. Water Comrs. let contract furnishing c.i. pipes and special iron castings, to Warren Fdry. & Machine Co., 11 Bway., New York City. About $48,338.

★Coal Trestle, etc.—Willimantic, Conn.—Amer. Thread Co., 260 West Bway., New York City, let contract building rein.-con. coal trestle and loading platform, here, to Aberthaw Constr. Co., 27 School St., Boston, Mass. About $15,000.

Coal and Ash Handling Apparatus—Central Islip, N. Y.—State Hospital Comn., Capitol, Albany, received bids July 1 for coal and ash handling apparatus for Central Islip State Hospital, from Guarantee Constr. Co., 140 Cedar St., New York City, $59,350. R. H. Beaumont, Drexel Bldg., Phila., Pa., $68,825. Giffin-Wood Co., Hudson, $87,000. Noted June 19.

★Grounds Improvements—Jersey City, N. J.—City let contract beautifying Lincoln Highway School grounds and building 6 ft. ornamental iron fence with massive gates, to M. T. Connolly Contg. Co., 238 17th St., $159,900; who sublet contract for grading, digging, seeding and sodding, to E. J. Flaherty Co., 76 Montgomery St., $34,700.

★Aluminum Wire — Yorkhaven, Pa. — Yorkhaven Water & Power Co. let contract for 62 mi. steel reinforced aluminum wire, to be used in connection with transmission line from here to Anville, to Aluminum Co. of America, Widener Bldg., Phila.

★Brass Service Pipe Fittings, etc.—Baltimore, Md.—Bd. Awards let contract to A. P. Smith Mfg. Co., Norman St., East Orange, N. J., furnishing brass service pipe fittings, including 4800 stop cocks (all sizes), 825 brass plugs, 400 special couplings, 300 tail pieces, 4700 assembled services, etc., cost $15,632, to Lead Lined Iron Pipe Co., Wakefield, Mass., lead lined iron pipe and couplings, including 50,000 ft. ¾ in., 1200 ft. 1 in. and 1000 ft. 1½ in. lead pipe, $10,884. Noted June 19.

★Dry Dock—Pensacola, Fla.—Bruce Dry Docks Co. of Pensacola plans to build 5000 ton dry dock here. About $450,000. T. H. Johnson, chn. Work will be done by day labor.

★Conduit—Detroit, Mich.—Pub. Lighting Comn. let contract furnishing labor and material for building 5½ mi. conduits, to Contg. & Material Co., South La Salle St., Chicago, $213,583. Noted July 3.

★Sheds—Duluth, Minn.—Marshall, Wells Co., Lake Ave., S., let contract building 1 story, 100 x 120 and 100 x 300 ft., rein.-con., brick and steel storage sheds, rein.-con. flooring, concrete foundation, to Austin Co., 16112 Euclid Ave., Cleveland, O., $36,250.

Paving Material—St. Paul, Minn.—H. W. Austin, purch. agt., City Hall, received bids furnishing following material to be used for paving Woodlawn, Fairmont, Princeton, Sargent and Goodrich Aves., St. Clair St. and Mt. Curve Blvd.; 5364 sq.yd. vertical brick paving blocks, from Purington Paving Block Co., $1.25 f. o. b. St. Paul; 4950 bbl. Portland cement, St. Paul Builders' Material Co., 606 Ryan Bldg., $2.35 per bbl., Gopher Lime and Cement Co., Griffs St. and Fuller Ave., $2.35 per bbl.; 2124 cu.yd crushed rock, St. Paul Crushed Stone Co., Stewart and Victoria Sts., $2.45; J. L. Shiely Co., 202 Bartles Flat Iron Bldg., 2124 cu.yd concrete sand, $1.70, 406 cu.yd crushed rock or granite for curb, $2.65, 559 cu.yd. fine asphalt sand, $1.50, 418 cu.yd. coarse asphalt sand, $1.25; 53,640 lb. asphalt filler, Sun Co., 2824 10th Ave., S., Minneapolis, $23.10; 402,520 lb. apshalt cement, Camden Petroleum Co., 208 South La Salle St., Chicago, $18.95, tank cars; 442,772 lb. limestone dust, Minnesota Crushed Stone Co., 1500 N. E. Johnson St., Minneapolis, $4.60; trap rock for asphalt concrete, W. T. Lemon, 1204 Pioneer Bldg., $2.50; rough pine headers, Brooks Bros., 1923 University Ave., $46 per M; sewer brick, Cornin & Donohue Brick Co., 613 Ryan Bldg., Gopher Lime and Cement Co., and Builders' Material Co., each $18; 296 lin.ft. curb reinforcing bar, Concrete Steel Co., 440 Builders' Exch., Minneapolis, $0.145; V. C. sewer pipe, Gopher Lime and Cement Co. and St. Paul Builders Material Co., both $0.50; 6 standard catch basin tops, W. H. Ulmer Co., foot Chestnut St., $16.25; 5430 lin.ft. 6 in. V. C. sewer pipe connections, Gopher Lime and Cement Co., and St. Paul Builders' Material Co., both $0.20.

Tanks—Portland, Ore.—Pub. Dock Comn. received bids building (a) two 5000 bbl., (b) two 2500 bbl., (c) two 1000 bbl. steel tanks, from Astoria Marine Iron Works, Corbett Bldg., (a) $14,048, (b) $4255, (c) $2556; R. Wakefield, Worcester Bldg., (a) $13,591, (b) $4738, (c) $3294; McDougall-Overmire Co., Portland, (a) $14,600, (b) $4600, (c) $3000. Noted July 3.

Pier—Manhattan Beach (Manhattan P. O.), **Cal.**—City received bids building deck and upper works of rein.-con. pleasure pier, from Foundation Co., Holbrook Bldg., San Francisco, $32,690; C. D. Sotiras, 775 East 14th St., Los Angeles, $38,105; W. M. Ledbetter Co., Pacific Electric Bldg., Los Angeles, $44,500. Former bids rejected. Noted Apr. 17.

★Wharf—St. John, N. B.—City let contract building wharf, to Engrs. and Contractors Ltd., 102 Prince William St. About $28,500.

★Wharf—Magog, Que. — Dominion Government, Ottawa, let contract building here, to T. P. Charleson, 149 Gilmour St., Ottawa, 19,924.

★Ice Breakers—Richmond, Que.—Dept. Pub. Wks., Ottawa, Ont., let contract rebuilding ice breakers, to T. P. Charleson, 179 Gilmour St., Ottawa, Ont. About $10,407. Noted May 22.

★Breakwater—Ft. William, Ont.—Dominion Government, Ottawa, let contract building breakwater as extension to revetment wall and wharves at entrance to Mission Channel, here, to Port Arthur Constr. Co., Ltd., Excelsior Life Bldg., Toronto. About $381,000. Noted May 29.

★Tower—Prince Rupert, B. C.—Dept. Marine, Ottawa, Ont., let contract building rein.-con. lighthouse tower, 40 ft. high, and frame dwelling on Barrett Rock, here, to M. Stockley, Prince Rupert. About $20,000. Noted Apr. 24.

★Wharf—Victoria, B. C.—Dept. Pub. Wks., Ottawa, let contract repairing 41 x 482 ft. wharf at Williams Head Quarantine Station, 9 mi. southwest of here, to W. Greenlees, 47 Cordova St., Vancouver. About $19,415. Noted Apr. 17

OFFICIAL PROPOSALS

OFFICIAL PROPOSALS

Bids: July 15.

Barge Canal Terminals

STATE OF NEW YORK
OFFICE OF SUPERINTENDENT OF PUBLIC WORKS

Albany, June 16th, 1919.

Sealed proposals will be received by the undersigned at his office in the Capitol at Albany, N. Y., until 12 o'clock noon of Tuesday, July 15, 1919, at which place and hour they will be publicly opened and read, for the construction of Barge Canal terminals pursuant to the provisions of Chapter 746 of the Laws of 1911, and of the acts amendatory thereof, as follows:

—1—

TERMINAL CONTRACT NO. 43

For constructing a Barge Canal terminal and a frame freighthouse at Flushing, Borough of Queens, New York City.

Contract plans, sheets 1 to 10, inclusive.

—2—

TERMINAL CONTRACT NO. 112.

For furnishing, delivering and testing industrial freight-handling trailers and stevedore freight-handling trucks for Barge Canal terminals in New York City:

Contract plans, sheets 1 and 2.

Plans may be seen and detailed specifications, engineer's estimate of quantities, proposal blanks, forms of contract and bonds required and other information for proposers may be had at the office of Superintendent of Public Works at Albany, N. Y., at the office of the Assistant Superintendent of Public Works for the Middle Division at Syracuse, N. Y., at the office of the Assistant Superintendent of Public Works for the Western Division at Rochester, N. Y., at the canal office, Spaulding's Exchange, Buffalo, N. Y., and at office of State Engineer, Hall of Records, New York City.

Copies of detailed plans or drawings may be obtained from the State Engineer and Surveyor at Albany, N. Y., upon payment to him of the cost of producing them.

Monthly estimates will be paid of ninety per centum (90 per cent.) of the work done at the contract price. Every proposal for said work must be accompanied by a money deposit in the form of a draft or certified check upon some good banking institution in the City of Albany or New York, issued by a national or state bank or trust company in good credit within the state and payable at sight to the Superintendent of Public Works for five per centum (5 per cent.) of the amount of the proposal.

The person whose proposal shall be accepted will be required to execute a contract and furnish bonds within ten days from the date of notice of award delivered to him or them in person or mailed to the address given in the proposal.

Upon execution of the contract and approval of bonds, the certified check or draft will be returned to the proposer unless the same shall have been presented for collection prior to such time, in which case the amount of the deposit will be refunded by the Superintendent of Public Works.

Special price for Official Proposals, $3.60 an inch — Copy for Official Proposals can be received until Wednesday, 10 a.m., for issue out the next morning.

The publication of an advertisement on this page is an official notice that bids are wanted from other than local bidders.

It is also a guarantee that maximum competition is invited because Engineering News-Record is the *one* nationally recognized medium for Proposal advertising. Its Searchlight Section is read each week by nearly every worth-while contractor in this country who bids on public work outside his own city.

OFFICIAL PROPOSALS

The deposits of bidders other than the one to whom the award of contract shall be made will be returned immediately after the award has been made.

The bond required for the faithful performance of each contract shall be in such sum as shall be fixed by the Superintendent of Public Works, which sum shall not be less than twenty per centum (20 per cent.) of the estimated cost of the work according to the contract price, and an additional bond, known as the labor bond, in the sum of ten per centum (10 per cent.) of the amount of the estimated cost of the work according to the contract price, will be required as security that the contractor will pay in full at least once in each month all laborers employed by him upon the work specified to be done in the contract.

In the event that more than one surety company is offered as surety on said bonds co-insurance only will be accepted.

Each proposal must be addressed to the Superintendent of Public Works, Albany, N. Y., and must be endorsed on the envelope with the name of the construction for which the proposal is made.

Award, if made, will be made to the person or persons whose proposal shall be lowest in cost to the state for doing the work, and which shall comply with all provisions required to render it formal. Before any award shall be made the lowest bidder will be required to satisfy the Superintendent of Public Works of his ability to provide suitable equipment and materials for the proper performance of the work.

The right is reserved to reject all proposals and readvertise and award the contract in the regular manner, if, in the judgment of the undersigned, the interests of the state will be enhanced thereby.

E. S. WALSH,
Superintendent of Public Works.

OFFICIAL PROPOSALS

Bids: July 22.

Highway Work

Albany, N. Y.

OFFICE OF THE STATE COMMISSION OF HIGHWAYS, ALBANY, N. Y.

Seald proposals will be received by the undersigned at their office, No. 55 Lancaster Street, Albany, N. Y., at one o'clock p.m. on Tuesday, July 22nd, 1919, for the improvement of the following highways:

CATTARAUGUS.....(one highway: 4.60)
CHATAUQUA.....(one highway: 4.29)
CHENANGO.....(three highways: 4.78; 5.57; 5.87)
LEWIS.....(one highway: 4.74)
ONONDAGA.....(one highway: 0.27)
RENSSELAER.....(one highway: 1.44)
SUFFOLK.....(one highway: 3.85)

Also for the completion of the following highways:

CAYUGA.....(three highways: 8.00; 6.06; 5.45)
CHATAUQUA.....(one highway: 3.90)
CHENANGO.....(three highways: 7.12; 7.09; 3.06)
FRANKLIN.....(one highway: 10.36)
NIAGARA.....(one highway: 7.79)
OSWEGO.....(one highway: 6.36)
SARATOGA...(two highways: 6.10; 5.74)
SENECA.....(two highways: 4.89; 2.13)

And also for the repair of the following highways:

ALLEGANY, SCHUYLER & STEUBEN...(one contract—surface treatment)
OSWEGO.....(one contract—resurfacing)
SUFFOLK..(one contract—reconstruction)

And also for the completion of: Repair contracts

CHENANGO...(one contract—resurfacing)
CORTLAND...(one contract—resurfacing)

Maps, plans, specifications and estimates may be seen and proposal forms obtained at the office of the Commission in Albany, N. Y., and also at the office of the division engineers in whose division the roads to be improved, completed and repaired are located. The addresses of the division engineers and the counties of which they are in charge will be furnished upon request.

The especial attention of bidders is called to "eGneral Information for Bidders" on the itemized proposal, specifications and contract agreement.

FRED'K STUART CREEME,
Commissioner.

ROYAL K. FULLER,
Secretary.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., June 27, 1919.—Sealed proposals will be opened in this office at 3 p.m., July 25, 1919, for furnishing materials for the construction of the United States Post Office at Dawson, Georgia, including materials for concrete, reinforced concrete, stone, granite, brick, structural terra cotta, structural steel, miscellaneous iron and steel work, composition roofing, slate roofing, sheet-metal work, skylights, plastering, interior marble, sanitary slate, lumber, millwork, painting, glazing, hardware, plumbing, heating, electric work, etc., in accordance with drawings, specifications and bills of quantities attached thereto, copies of which may be obtained from the Custodian of site at Dawson, Ga., or at this office, in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.